Errata Note for Tennessee Vital Statistics, 1986 – 1988 page 26:

Year	Estimated Population			Live Births					
				All Races		White		All Other Races	
	All Races	White	All Other Races	No.	Rate	No.	Rate	No.	Rate
Resident									
1978.......	......	......	......	66,466	15.3	51,183	13.9	15,275	22.6

Please Note: The above correction applies to the 1986 – 1988 Vital Statistics Bulletins rather than the current publication.

Errata Note for Tennessee Vital Statistics, 1988 page 4:

For those who received care, 79.9 percent of mothers of white newborns began care during the first trimester of pregnancy, while only 66.8 percent of mothers of newborns of other races began care this early. As education increased, the mother was more likely to have begun care in the first trimester. Of the total for all races receiving care who had less than an eighth grade education, 60.5 percent began care during the first trimester. In contrast, 93.7 percent of the college graduates receiving care began in the first trimester.

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TENNESSEE
VITAL STATISTICS
1990

Tennessee Department of Health
Division of Information Resources

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1990

STATE OF TENNESSEE
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TENNESSEE VITAL STATISTICS - 1990

INTRODUCTION

Data from vital records for Tennessee during 1990 are given in this *Vital Statistics Bulletin*. the 64th in a series of annual reports.

An analysis of the vital statistics of Tennessee for the year 1990 is given in the Discussion of Vital Statistics of this Bulletin. Following the analysis. summary tables are presented for the State for the 20 years 1971-1990. inclusive. and also detailed tables for 1990 for the State. the 95 counties. and the cities of 10.000 or more population.

The data in this Bulletin include all vital events occurring during 1990 which were reported to the Office of Vital Records of the Tennessee Department of Health as of April 26. 1991. Copies of certificates and reports for births. deaths. induced abortions. and fetal deaths occurring to Tennessee residents in other states are forwarded to Tennessee in the interstate transfer of these certificates and reports. Thus. it is possible to compile birth. death. induced abortion. and fetal death statistics for Tennessee residents. Since at the present time there is no interstate transfer of marriage and divorce certificates. resident data for these events are not available.

Recorded data are obtained by classifying certificates and reports according to the place of birth. death. fetal death. induced abortion. marriage. or divorce. For certain purposes. such as knowledge of the numbers of births or deaths occurring in hospitals. recorded data are desirable and are presented in some of the summary tables. Many residents of the State and of nearby states use health facilities in the large cities of Tennessee: consequently. the numbers of recorded births. deaths. and induced abortions are large in these cities.

On May 2. 1989 the marriage law (T.C.A. 36-3-103) was amended. Marriages for which the couple obtained a Tennessee marriage license but had a ceremony performed out-of-state are valid and are included in statistical analyses just as those with in-state ceremonies.

Resident data are compiled according to the usual place of residence of the person to whom the event occurred without regard to the geographic place where the event occurred. Resident data are preferable to recorded data for comparing birth. death. and induced abortion rates and ratios for the residents of the counties of Tennessee. Most of the statistics in this report are based on resident data.

On January 1. 1989. the Office of Vital Records for the State of Tennessee began using revised certificates of birth and death and report of fetal death which are based upon. and very similar to. the U. S. Standards in content and format. The modifications and additions made to the Tennessee birth certificate and fetal death report were extensive. The previous revision contained a minimum of medical information whereas the 1989 revision includes check box sections entitled Medical Risk Factors for This Pregnancy. Other Risk Factors for This Pregnancy (tobacco and alcohol use. weight gain). Obstetric Procedures. Complications of Labor and/or Delivery. Methods of Delivery. Abnormal Conditions of the Newborn. and Congenital Anomalies of Child. Additional non-medical items call for information on parents' occupation and business/industry and Hispanic origin. Changes to the Tennessee death certificate were less extensive but still significant. The cause of death section was expanded by the addition of a fourth line to provide more room for describing the conditions. New items on the 1989 death certificate include education, Hispanic origin, and a check box for autopsy finding available prior to completion of cause of death. The rationale for changes to the two certificates and one report was to provide better and more comprehensive statistical information on public health needs and to measure the effectiveness of initiatives designed to address these problems.

Many factors must be considered for the correct interpretation of vital statistics. Completeness and timeliness of registration is one of these factors. Because of concentrated efforts of the Tennessee Department of Health to record vital events as well as the public's need for vital records, it is believed that most events in Tennessee are registered. Characteristics peculiar to a certain area, such as proximity to a military base, affect the vital statistics of that area. In addition, knowledge of the racial and age composition of the population is important for proper interpretation.

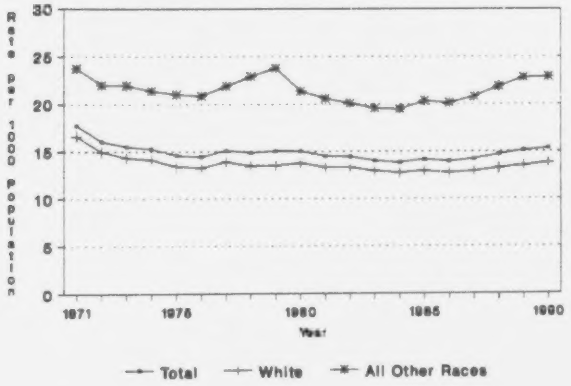
The population for Tennessee of 4,877,185 used in this Bulletin was calculated using the 1990 Census of Population and Housing, Tennessee. The 1981-1989 estimates were developed by the Division of Information Resources after the 1990 Census was available, using 1980 and 1990 Census data. The elements of this estimated population were used for calculation of rates per population for the State and for the counties by race, sex, and/or age groups. Blacks are estimated to comprise 93.8 percent of the population of all nonwhite races in Tennessee during 1990.

DISCUSSION OF VITAL STATISTICS. 1990

Births: During 1990. there were 74.870 live births to residents of Tennessee. yielding a birth rate of 15.4 per 1.000 population. The number of births showed an increase of 2.4 percent over the 73.137 births reported in 1989. The birth rate of 15.4 in 1990 represented an increase of 2.0 percent over the rate of 15.1 for the preceding year.

In 1990. resident white births numbered 55.919. an increase of 2.6 percent over the 54.504 births in 1989. The birth rate of 13.8 per 1.000 white population in 1990 was 2.2 percent higher than the rate of 13.5 in 1989. The 18.941 births of races other than white in 1990 represented an increase of 1.7 percent over the 18.620 births in 1989. The birth rate of 22.8 for other races in 1990 remained unchanged from 1989. In 1990. the birth rate for all other races was over one and one-half times the rate for the white population.

FIGURE 1. BIRTH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1971-1990



The trend of the birth rate for the past 20 years is shown in Figure 1. This trend may be described as generally downward. fluctuating throughout the period. 1971-1990. from a high rate of 17.8 per 1.000 live births in 1971. to a record low of 13.9 during 1984. During the last 4 years the rate has shown an upward trend with the 1990 birth rate being the highest since 1973. The record high birth rate of 26.7 occurred in 1947. The patterns of change in the birth rates for the whites and the population of other races have been similar to the trend of the total birth rates. but rates for the population of races other than white have remained at a level approximately one and one-half times higher than that for the white population.

TABLE 1. NUMBER AND PERCENTAGE OF BIRTHS BY HISPANIC ORIGIN OF FATHER AND MOTHER, RESIDENT DATA, TENNESSE, 1990

Ethnicity	Father Number	Father Percent	Mother Number	Mother Percent
Total	74,870	100.0	74,870	100.0
Non-Hispanic	58,702	78.4	74,413	99.4
Hispanic	458	0.6	444	0.6
Mexican	250	0.3	230	0.3
Puerto Rican	76	0.1	64	0.1
Central/South American	58	0.1	72	0.1
Cuban	17	0.0	20	0.0
Other and unknown	57	0.1	58	0.1
Hispanic status unknown	15,710	21.0	13	0.0

Beginning in 1989. Hispanic origin of father and mother was added to the birth certificate. Only 0.6 percent of both fathers and mothers were of Hispanic origin in 1990 (Table 1). Twenty-one percent of the fathers had unknown Hispanic origin.

During the period 1970-1990. the number of females of childbearing age (15-44 years) in Tennessee increased by 37.5 percent. The general fertility rate (number of resident live births per 1.000 females 15-44 years of age) declined from 85.9 in 1970 to 64.7 in 1990. a decrease of 24.7 percent. From 1970 to 1990. Tennessee age-specific fertility rates (number of live births to women of a specific age group per 1.000 female population in the same age group) decreased 24.1 percent for women aged 20-24 years. while the women aged 30-34 years decreased only 2.6 percent. Women aged 15 to 34 years accounted for 94.1 percent of the births in 1970. and

93.2 percent of the resident births in 1990.

TABLE 2. BIRTH AND DEATH RATES AND RATE OF NATURAL INCREASE PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

	All Races	White	All Other Races
Birth rate	15.4	13.8	22.8
Death rate	9.5	9.5	9.5
Rate of natural increase . . .	5.9	4.3	13.3

Census figures for 1990 show the State's population increased by 286.065 (6.2 percent) from 1980 to 1990. from 4.591.120 to 4.877.185. During 1990. 28.666 Tennesseans were added to the population as a result of natural increase. the excess of births over deaths (Table 2). The 1990 rate of natural increase was 5.9 persons per 1.000 population. 3.5 percent higher than the 1989 rate of 5.7. For the white population. the rate of natural increase was 4.3 per 1.000 population. For races other than white. the rate was 13.3; thus. the rate of natural increase for races other than white was over three times that for whites.

Of the 74.870 resident births in 1990. there were 38.579 males and 36.290 females. This gives a sex ratio of 1.063 male births to 1.000 female births. compared to a ratio of 1.050 in 1989.

During 1990. there were 1.635 resident live births occurring in multiple deliveries: 1.612 births were of twins and 23 births were of triplets. The number of live births occurring in multiple deliveries may not be indicative of the number of sets of multiple births due to one or more members of a set not being born alive.

In 1990. of the total resident births. 74.389 or 99.4 percent occurred in hospitals. For white births. 55.491 or 99.2 percent occurred in hospitals. while for races other than white. 18.890 or 99.7 percent occurred in hospitals. Of the 481 births that were not delivered in hospitals. 86 were attended by a physician. while 394 births were attended by a certified nurse-midwife. other midwife. or other type of attendant.

TABLE 3. NUMBER AND PERCENTAGE OF BIRTHS ACCORDING TO WEIGHT GROUP, BY RACE, RESIDENT DATA, TENNESSEE, 1990

	All Races		White		All Other Races	
Weight Group	Number	Percent	Number	Percent	Number	Percent
Total	74,870	100.0	55,919	100.0	18,941	100.0
Low birthweight	6,160	8.2	3,663	6.6	2,496	13.2
Under 1,000 grams . . .	584	0.8	283	0.5	301	1.6
Under 500 grams . . .	131	0.2	58	0.1	73	0.4
500-999 grams	453	0.6	225	0.4	228	1.2
1,000-1,499 grams . . .	570	0.8	322	0.6	248	1.3
1,500-1,999 grams . . .	1,135	1.5	685	1.2	449	2.4
2,000-2,499 grams . . .	3,871	5.2	2,373	4.2	1,498	7.9
2,500-2,999 grams	12,976	17.3	8,496	15.2	4,476	23.6
3,000-3,499 grams	27,676	37.0	20,444	36.6	7,231	38.2
3,500-3,999 grams	20,957	28.0	17,152	30.7	3,805	20.1
4,000-4,499 grams	5,965	8.0	5,163	9.2	802	4.2
4,500 grams and over .	1,090	1.5	974	1.7	116	0.6
Unknown weight	46	0.1	25	0.0	15	0.1

Totals may include one or more births with race not stated.

Table 3 shows the distribution of births according to birthweight. During 1990. low birthweight (less than 2.500 grams) babies accounted for 6.160. or 8.2 percent. of total live births. The proportion of low birthweight infants varied by race. Races other than white exhibited a much higher percentage of low weight births when compared with white births. 13.2 percent and 6.6 percent. respectively.

The highest proportion of high birthweight (4.000 grams or more) infants was to whites with 11.0 percent compared with 4.9 percent for races other than white.

During the 10-year period. 1981-1990. the percentage of low birthweight infants has remained relatively stable. However. the percentage change of infants with very low birthweight (VLBW) (less than 1.500 grams) increased 22.2 percent for white infants between the years 1981-1990. while the percentage of other races infants increased 16.0 percent.

The occurrence of maternal and neonatal transfers reflects the recognition that some mothers and/or their infants require specialized treatment not available at all hospitals. The percentage of birth certificates indicating the mother was transferred prior to delivery was 1.2 in 1990 (Table 4). Of these maternal transfers. 40.5 percent involved births under 2.500 grams. This compares with 8.2 percent low birthweight for all births. indicating that these transfers are occurring for high risk deliveries. The percentage of birth certificates indicating the infant was transferred was 0.8 in 1990. Of these infants who were transferred. 74.7 percent weighed less than 2.500 grams.

TABLE 4. NUMBER AND PERCENTAGE OF BIRTHS IN TENNESSEE BY WEIGHT GROUP AND TRANSFER STATUS, RESIDENT DATA, TENNESSEE, 1990

Weight Group	Total Births	Baby Transferred Number	Baby Transferred Percent	Mother Transferred Number	Mother Transferred Percent
Total	74,870	589	0.8	915	1.2
Under 500 grams	131	8	6.1	10	7.6
500-999 grams	453	66	14.6	48	10.6
1,000-1,499 grams	570	81	14.2	72	12.6
1,500-1,999 grams	1,135	128	11.3	108	9.5
2,000-2,499 grams	3,871	157	4.1	133	3.4
2,500-3,499 grams	40,652	108	0.3	366	0.9
3,500-4,499 grams	26,922	32	0.1	144	0.5
4,500 grams and over	1,090	4	0.4	15	1.4
Unknown weight	46	5	10.9	19	41.3

In 1990. of the 74.870 resident births. 17.6 percent or 13.185 births occurred to mothers less than 20 years of age (Table 5). Of the 56.528 white births. 8.598 or 15.2 percent occurred to teenage mothers. while 25.0 percent or 4.585 of the 18.331 births of other races were to teenage mothers. Of the total 74.870 resident births. 44.470 or 59.4 percent were to mothers aged 20-29 years: 60.4 percent of white births and 56.3 percent of the births of other races occurred to mothers in this age group.

TABLE 5. NUMBER AND PERCENTAGE OF BIRTHS ACCORDING TO AGE AND RACE OF MOTHER, RESIDENT DATA, TENNESSEE, 1990

Age of Mother	All Races Number	All Races Percent	White Number	White Percent	All Other Races Number	All Other Races Percent
Total	74,870	100.0	56,528	100.0	18,331	100.0
Under 15 years	294	0.4	94	0.2	200	1.1
15-17 years	4,503	6.0	2,664	4.7	1,838	10.0
18-19 years	8,388	11.2	5,840	10.3	2,547	13.9
20-24 years	23,090	30.8	16,993	30.1	6,094	33.2
25-29 years	21,380	28.6	17,159	30.4	4,220	23.0
30-34 years	12,443	16.6	10,009	17.7	2,431	13.3
35-39 years	4,165	5.6	3,303	5.8	862	4.7
40-44 years	581	0.8	455	0.8	126	0.7
45 years and over	8	0.0	6	0.0	2	0.0

Totals may include one or more births with race of child and/or age of mother not stated.

TABLE 6. LIVE BIRTHS BY NUMBER OF PRENATAL VISITS, BY MONTH OF PREGNANCY PRENATAL CARE BEGAN AND RACE OF MOTHER, RESIDENT DATA, TENNESSEE, 1990

Number of Prenatal Visits	Total	Month of Pregnancy Prenatal Care Began: 1st-3rd Month	4th-6th Month	7th-9th Month	No Care	Not Stated
			All Races			
Total	74,870	57,098	12,984	2,271	1,202	1,315
No visits	1,202	-	-	-	1,202	-
1-4 visits	3,745	1,223	1,438	1,084	-	-
5-9 visits	14,784	8,059	5,733	992	-	-
10-14 visits	42,740	37,543	5,033	164	-	-
15-19 visits	9,140	8,479	638	23	-	-
20 or more visits	1,944	1,794	142	8	-	-
Not stated	1,315	-	-	-	-	1,315
			White			
Total	56,528	45,325	8,379	1,405	460	959
No visits	460	-	-	-	460	-
1-4 visits	1,602	452	560	590	-	-
5-9 visits	10,050	5,704	3,681	665	-	-
10-14 visits	34,072	30,378	3,569	125	-	-
15-19 visits	7,763	7,271	472	20	-	-
20 or more visits	1,622	1,520	97	5	-	-
Not stated	959	-	-	-	-	959
			All Other Races			
Total	18,331	11,770	4,604	866	742	349
No visits	742	-	-	-	742	-
1-4 visits	2,143	771	878	494	-	-
5-9 visits	4,733	2,354	2,052	327	-	-
10-14 visits	8,665	7,163	1,463	39	-	-
15-19 visits	1,377	1,208	166	3	-	-
20 or more visits	322	274	45	3	-	-
Not stated	349	-	-	-	-	349

Totals may include one or more births with race not stated.

In 1990. it was indicated on 72.353 or 96.6 percent of the birth certificates that the mother had received some prenatal care (Table 6). A mother was considered to have received prenatal care when the birth certificate contained information specifying the month that prenatal care began and a number of visits greater than zero. On 1.315 or 1.8 percent of the birth certificates. it could not be determined whether or not the mother had received prenatal care. On 1.6 percent or 1.202 certificates. the mother stated that no prenatal care was received. Mothers of 55.109 white newborns or 97.5 percent received prenatal care. and mothers of 17.240 newborns of other races or 94.0 percent received care.

For those who received care. 82.2 percent of mothers of white newborns began care during the first trimester of pregnancy. while only 68.3 percent of mothers of newborns of other races began care this early. As education increased. the mother was more likely to have begun care in the first trimester. Of the total for all races receiving care who had less than an eighth grade education. 63.6 percent began care during the first trimester. In contrast. 94.4 percent of the college graduates receiving care began in the first trimester.

There was an inverse relationship between the number of previous pregnancies and the receipt of prenatal care. In 1990. for mothers with no previous pregnancies. 97.4 percent received prenatal care. while 94.0 percent of those with four previous pregnancies and 89.0 percent of those with six or more previous pregnancies received care.

In 1990. of the 74.870 resident live births in Tennessee. 22.628 or 30.2 percent were reported as illegitimate. This represented a 3.8 percent increase over the percentage of illegitimate births in 1989. Of the total number of illegitimate births to residents of the State. 9.792 were white and 12.833 were of other races. Illegitimate births accounted for 17.5 percent of white births in 1990. while 67.8 percent of births of other races were illegitimate. From 1989 to 1990. the percentage of births reported to be illegitimate in both the white population and the population of races other than white showed increases (8.7 and 1.2. respectively).

Table 7 shows the percentages of births by race which were illegitimate for the 30-year period. 1961-1990. The percentages that were reported as illegitimate for births of races other than white were from 3.9 to 10.6 times those for whites throughout this time period. The percentage of total births reported to be illegitimate increased gradually from 9.3 percent in 1961 to 30.2 percent in 1990. The increase in percentages. however. was greatest among whites.

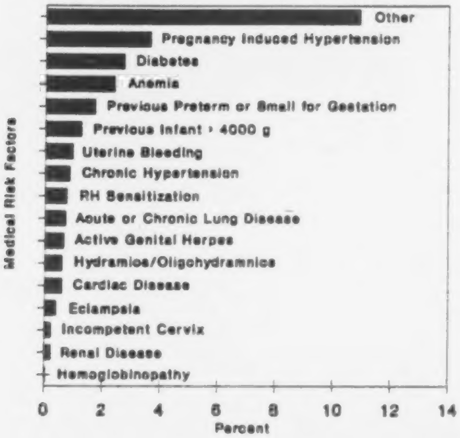
TABLE 7. PERCENTAGE OF LIVE BIRTHS REPORTED TO BE ILLEGITIMATE, BY RACE, RESIDENT DATA, TENNESSEE, 1961-1990

Year	All Races	White	All Other Races	Year	All Races	White	All Other Races
1961 . . .	9.3	3.0	31.3	1976 . . .	16.5	6.1	53.3
1962 . . .	9.5	3.1	32.1	1977 . . .	16.6	6.7	52.2
1963 . . .	9.7	3.1	32.8	1978 . . .	18.2	7.4	54.1
1964 . . .	9.9	3.2	33.9	1979 . . .	19.1	8.1	55.1
1965 . . .	11.2	3.8	36.4	1980 . . .	19.8	8.8	56.2
1966 . . .	11.3	4.0	37.2	1981 . . .	20.4	9.2	57.0
1967 . . .	11.6	4.1	39.6	1982 . . .	20.9	9.7	58.7
1968 . . .	11.6	4.4	39.1	1983 . . .	22.0	10.5	60.9
1969 . . .	11.8	4.5	39.3	1984 . . .	22.9	11.2	62.0
1970 . . .	12.5	4.6	41.5	1985 . . .	24.3	12.2	63.3
1971 . . .	12.9	4.5	43.9	1986 . . .	25.3	13.0	64.6
1972 . . .	14.4	5.2	47.9	1987 . . .	26.3	13.8	65.3
1973 . . .	14.9	5.3	49.0	1988 . . .	27.6	14.7	66.3
1974 . . .	14.9	5.4	49.3	1989 . . .	29.1	16.1	67.0
1975 . . .	15.8	5.9	50.6	1990 . . .	30.2	17.5	67.8

In 1990. there were 5.744 births recorded in Tennessee to mothers who were residents of other states. U.S. possessions. and foreign countries and 1.340 births recorded in other states to Tennessee mothers. The recorded birth rate of 16.3 per 1.000 population was higher than the resident rate of 15.4. Both rates were also higher in 1990 than in 1989 when the recorded birth rate was 16.0 and the resident birth rate was 15.1.

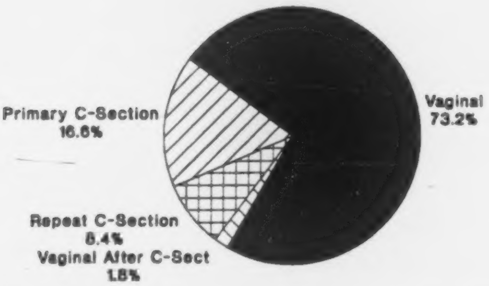
Beginning in 1989. the newly revised birth certificates provided better information on demographic. behavioral. and medical factors influencing fertility and pregnancy outcomes. Analysis of certain medical risk factors relating to the mother may provide new insight into the causes of low birthweight and other adverse pregnancy outcomes. Figure 2 shows the distribution of risk factors occurring to Tennessee residents reported on 1990 birth certificates. Of the total 74.870 live births. 76.1 percent reported 'none or unknown medical risk factors for this pregnancy'. The remaining 23.9 percent had one of the 18 risk factors listed on the certificate or specified the presence of an 'other risk factor'.

FIGURE 2. PERCENTAGE OF BIRTHS WITH REPORTED MEDICAL RISK FACTORS, RESIDENT DATA, TENNESSEE, 1990



Data on method of delivery are shown in Figure 3. Vaginal delivery was by far the most common method of delivery, accounting for 73.2 percent of the births with method of delivery reported. Primary cesarean section (C-section) was next at 16.6 percent, followed by repeat C-section at 8.4 percent. Vaginal births after previous C-section accounted for the remaining 1.8 percent of these births.

FIGURE 3. PERCENTAGE OF BIRTHS BY METHOD OF DELIVERY, RESIDENT DATA, TENNESSEE, 1990



Percents are based on births with these methods of delivery reported.

TABLE 8. NUMBER AND PERCENTAGE OF OBSTETRIC PROCEDURES REPORTED FOR BIRTHS, RESIDENT DATA, TENNESSEE, 1990

Obstetric Procedures	Number	Percent
Total	74,870	100.0
None	4,239	5.7
Amniocentesis	2,286	3.1
Electonic fetal monitoring - internal	39,340	52.5
Electonic fetal monitoring - external	58,960	78.7
Induction of labor	11,196	15.0
Stimulation of labor	8,554	11.4
Tocolysis	1,225	1.6
Ultrasound	50,716	67.7
Chronic villus sampling	290	0.4
Other	2,907	3.9
Unknown	91	0.1
One or more procedures	70,540	94.2

The use of one or more obstetric procedures was reported for 94.2 percent of the 1990 births. The most frequently used procedure was external electronic fetal monitoring reported for 78.7 percent of the births. followed by ultrasound with 67.7 percent. Labor was induced or stimulated for 26.4 percent of the births (Table 8).

TABLE 9. REPORTED ALCOHOL AND TOBACCO USE DURING PREGNANCY, RESIDENT DATA, TENNESSEE, 1990

Alcohol and Tobacco Use	Number	Percent
Total	74,870	100.0
Alcohol use during pregnancy - no	73,204	97.8
Alcohol use during pregnancy - yes	1,518	2.0
Alcohol use unknown	148	0.2
Tobacco use during pregnancy - no	58,432	78.0
Tobacco use during pregnancy - yes	16,345	21.8
Tobacco use unknown	93	0.1

Of the total births in 1990, only 2.0 percent of mothers reported alcohol use during pregnancy, while 21.8 percent reported tobacco use (Table 9). Frequencies and percentages for reported maternal smoking during pregnancy, by race are shown in Figure 4. Of the white mothers. 24.4 percent smoked while 13.8 percent of the mothers of all other races smoked.

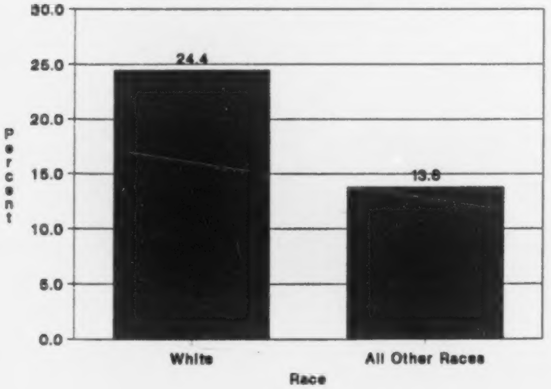


FIGURE 4. PERCENTAGE OF BIRTHS WITH REPORTED MATERNAL SMOKING DURING PREGNANCY, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Fetal Deaths: During 1990, there were 442 fetal deaths reported for mothers who were residents of the State. The 1990 fetal death ratio of 5.9 per 1,000 live births increased 1.7 percent over the 1989 ratio of 5.8. However, the fetal death ratio decreased 58.7 percent from 14.3 in 1971 to 5.9 in 1990.

Legal criteria for reporting a fetal death to the Tennessee Department of Health changed during the time period included in this Bulletin. Caution should be exercised when comparing fetal death data from different years. Prior to January 1, 1978, the law required registration of fetal deaths of 20 or more weeks gestation. With the enactment of the Vital Records Act of 1977, to be reported as a fetal death, the fetus must have been of 20 completed weeks or more gestation or weighed 350 grams or more; this reporting requirement was in effect from January 1, 1978 through April 11, 1979. As of April 12, 1979, the Vital Records Act of 1977 was amended so that a fetal death of 500 grams or more, or, in the absence of weight, of 22 completed weeks of gestation or more is reportable.

Of the 442 fetal deaths reported as resident events, 99.1 percent were delivered in hospitals. During the past 20 years, there has been an increase in the percentage of fetal deaths delivered in hospitals similar to that for live births.

TABLE 10. NUMBER AND PERCENTAGE OF FETAL DEATHS ACCORDING TO WEIGHT GROUP, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Weight Group	All Races Number	All Races Percent	White Number	White Percent	All Other Races Number	All Other Races Percent
Total	442	100.0	283	100.0	158	100.0
Under 1,000 grams	106	24.0	60	21.2	45	28.5
1,000-1,499 grams	77	17.4	45	15.9	32	20.3
1,500-1,999 grams	73	16.5	49	17.3	24	15.2
2,000-2,499 grams	61	13.8	43	15.2	18	11.4
2,500 grams and over	109	24.7	79	27.9	30	19.0
Unknown weight	16	3.6	7	2.5	9	5.7

Totals may include one or more fetal deaths with race not stated.

The distribution of reported fetal deaths by weight at delivery in 1990 is given in Table 10. Of the 442 fetal deaths, 106 or 24.0 percent weighed under 1,000 grams compared with 1989 when there were 126 or 29.9 percent in this weight group. In 1990, of the 283 white fetal deaths, 60 or 21.2 percent weighed under 1,000 grams compared to the 45 or 28.5 percent of the 158 fetal deaths of all other races.

TABLE 11. NUMBER AND PERCENTAGE OF FETAL DEATHS ACCORDING TO CAUSE, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Fetal Death	All Races Number	All Races Percent	White Number	White Percent	All Other Races Number	All Other Races Percent
Total	442	100.0	283	100.0	158	100.0
Congenital anomalies (740-759)	24	5.4	21	7.4	3	1.9
Maternal conditions which may be unrelated to pregnancy (760.1-760.9)	8	1.8	4	1.4	4	2.5
Maternal complications of pregnancy (760.0,761)	31	7.0	17	6.0	14	8.9
Complications of placenta (762.0-762.3)	63	14.3	44	15.5	18	11.4
Complications of cord (762.4-762.6)	73	16.5	50	17.7	23	14.6
Complications of membranes (762.7-762.9)	7	1.6	2	0.7	5	3.2
Other complications of labor and delivery (763)	4	0.9	3	1.1	1	0.6
Immaturity (765)	23	5.2	10	3.5	13	8.2
Intrauterine hypoxia and birth asphyxia (768)	8	1.8	7	2.5	1	0.6
Other and ill-defined conditions originating in the perinatal period (779)	186	42.1	113	39.9	73	46.2
Other and ill-defined causes	15	3.4	12	4.2	3	1.9

Totals may include one or more fetal deaths with race not stated.

Causes of fetal deaths were classified according to the *Ninth Revision International Classification of Diseases*, 1975. Table 11 shows the underlying causes of the 442 fetal deaths by race in 1990.

Complications of cord was the reported leading cause of fetal deaths for all races combined and for both racial groups with complications of placenta the second leading cause. Other and ill-defined conditions originating in the perinatal period was the cause of 42.1 percent of the total fetal deaths in 1990.

Induced Abortions: Beginning with 1982, improved resident data for abortions were available due to better cooperation between the states in the interstate transfer of abortion reports. Because of this improvement, resident abortion data for 1982-1990 are not comparable with resident abortion data from previous years.

In 1990, there were 19.641 abortions performed on women who were residents of Tennessee. This corresponds to a ratio of 262.3 abortions per 1.000 resident live births. Of the 19.641 Tennessee women obtaining abortions, 17.464 or 88.9 percent obtained the abortion in Tennessee while the remainder were obtained in 12 other states and Puerto Rico.

TABLE 12. NUMBER OF INDUCED ABORTIONS ACCORDING TO RACE OF WOMAN WITH RATIOS PER 1,000 LIVE BIRTHS, RESIDENT DATA, TENNESSEE, 1982-1990

Year	All Races		White		All Other Races	
	Number	Ratio	Number	Ratio	Number	Ratio
1982	17,611	262.5	13,264	255.3	4,331	286.3
1983	17,559	268.2	12,956	255.8	4,597	310.5
1984	17,967	276.7	12,541	250.1	5,391	364.7
1985	18,155	272.1	12,525	244.4	5,589	361.3
1986	18,929	285.7	12,853	253.2	6,058	391.7
1987	18,816	276.9	12,558	242.8	6,218	383.5
1988	19,305	273.1	12,687	237.1	6,553	381.8
1989	18,183	248.6	11,486	208.6	6,660	368.7
1990	19,641	262.3	12,437	220.0	7,170	391.1

Totals may include one or more events with race not stated.

There were 12.437 white women and 7.170 women of other races who obtained abortions in 1990. The ratio of abortions per 1.000 live births was higher for women of other races than for white women (391.1 and 220.0, respectively) Table 12.

TABLE 13. NUMBER AND PERCENT DISTRIBUTION OF INDUCED ABORTIONS ACCORDING TO AGE AND RACE OF WOMAN, RESIDENT DATA, TENNESSEE, 1990

Age of Woman	All Races		White		All Other Races	
	Number	Percent	Number	Percent	Number	Percent
Total	19,641	100.0	12,437	100.0	7,170	100.0
Under 15 years	211	1.1	110	0.9	101	1.4
15-17 years	1,823	9.3	1,180	9.5	639	8.9
18-19 years	2,946	15.0	1,993	16.0	952	13.3
20-24 years	6,659	33.9	4,081	32.8	2,569	35.8
25-29 years	4,068	20.7	2,480	19.9	1,580	22.0
30-34 years	2,380	12.1	1,526	12.3	846	11.8
35-39 years	1,230	6.3	819	6.6	408	5.7
40-44 years	302	1.5	231	1.9	70	1.0
45 years and over ..	14	0.1	10	0.1	4	0.1
Not stated	8	0.0	7	0.1	1	0.0

Totals may include one or more events with race not stated.

Of the Tennessee women obtaining induced abortions in 1990, 25.4 percent were 19 years of age or younger; 33.9 percent were from 20-24 years of age; and 40.7 percent were 25 years of age or older. This distribution varied slightly according to race as shown in Table 13.

Pregnancies: With the legalization of and resulting increase in abortions, it is important to look at total reported pregnancies to analyze fertility. The number of pregnancies is the sum of live births, reportable fetal deaths, and reported induced abortions for women 10-49 years of age. Table 14 shows the number of pregnancies with rates per 1.000 female population by race and age of woman. The number of pregnancies for 1990 was 94.953 with a rate of 64.7 per 1.000 female population aged 10-49. The rates were higher for all other races than for whites in all age groups. At age 10-14 years, the pregnancy rate for all other races exceeded the white rate by 431.3 percent (8.5 and 1.6, respectively). The rate of 80.9 for all other races aged 30-34 was only 18.4 percent higher than the rate of 68.3 for white females.

TABLE 14. NUMBER OF PREGNANCIES BY RACE AND AGE OF WOMAN, WITH RATES PER 1,000 FEMALE POPULATION, RESIDENT DATA, TENNESSEE, 1990

Age of Woman	Pregnancies Total Number	 Total Rate	 Live Births	 Fetal Deaths	 Induced Abortions
			All Races		
Total	94,953	64.7	74,870	442	19,641
10-14 years	512	3.1	294	7	211
15-17 years	6,360	60.1	4,503	34	1,823
15 years	1,074	30.9	716	5	353
16 years	2,088	59.1	1,437	15	636
17 years	3,198	89.3	2,350	14	834
18 years	4,939	136.8	3,538	21	1,380
19 years	6,450	178.0	4,850	34	1,566
20-24 years	29,862	162.0	23,090	113	6,659
25-29 years	25,548	124.6	21,380	100	4,068
30-34 years	14,897	70.8	12,443	74	2,380
35-39 years	5,423	27.4	4,165	28	1,230
40-44 years	893	4.9	581	10	302
45-49 years	22	0.2	8	-	14
			White		
Total	69,248	58.0	56,528	283	12,437
10-14 years	205	1.6	94	1	110
15-17 years	3,863	46.4	2,664	19	1,180
15 years	534	19.6	323	1	204
16 years	1,245	44.8	818	7	420
17 years	2,084	73.9	1,517	11	556
18 years	3,377	118.4	2,437	15	925
19 years	4,494	156.5	3,403	23	1,068
20-24 years	21,142	143.7	16,993	68	4,081
25-29 years	19,704	119.0	17,159	65	2,480
30-34 years	11,589	68.3	10,009	54	1,526
35-39 years	4,140	25.6	3,303	18	819
40-44 years	694	4.5	455	8	231
45-49 years	16	0.1	6	-	10
			All Other Races		
Total	25,659	93.3	18,331	158	7,170
10-14 years	307	8.5	200	6	101
15-17 years	2,491	110.3	1,838	14	639
15 years	539	72.3	386	4	149
16 years	840	111.3	619	7	214
17 years	1,112	146.5	833	3	276
18 years	1,561	205.9	1,100	6	455
19 years	1,955	259.7	1,447	11	497
20-24 years	8,708	233.9	6,094	45	2,569
25-29 years	5,835	148.2	4,220	35	1,580
30-34 years	3,297	80.9	2,431	20	846
35-39 years	1,280	35.3	862	10	408
40-44 years	198	7.2	126	2	70
45-49 years	6	0.3	2	-	4

Totals may include one or more events with race and/or age not stated.

Table 15 shows the number of teen pregnancies (age 10-19 years) with rates per 1.000 female population by race and age of woman for 1990. The rates for other races teens were almost twice as high as for the white teens (85.4 and 44.3. respectively).

TABLE 15. NUMBER OF TEEN PREGNANCIES BY RACE AND AGE OF WOMAN, WITH RATES PER 1,000 FEMALE POPULATION, RESIDENT DATA, TENNESSEE, 1990

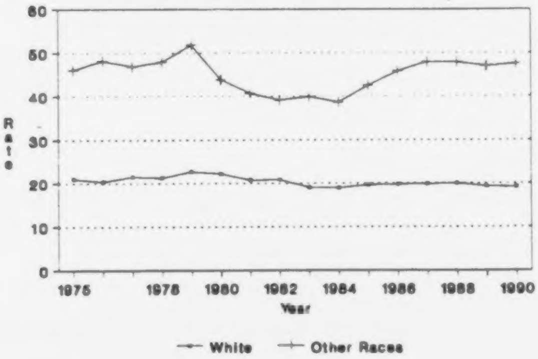
Age	All Races Number	 Rate	White Number	 Rate	All Other Races Number	 Rate
10-19 years	18,261	53.2	11,939	44.3	6,314	85.4
10-14 years	512	3.1	205	1.6	307	8.5
15-17 years	6,360	60.1	3,863	46.4	2,491	110.3
18-19 years	11,389	157.4	7,871	137.5	3,516	232.7

Totals may include one or more events with race and/or age not stated.

During 1990. 72.2 percent of the reported pregnancies to women under 20 years of age resulted in a live birth. 27.3 percent in an abortion. and 0.5 percent in a fetal death.

The female population 10-17 years of age decreased between 1975 and 1990. from 321.085 in 1975 to 270.980 in 1990. a decrease of over 50.105 or 15.6 percent. For the 16-year period. 1975-1990. the pregnancy rates among teens. (10-17 years of age) decreased 1.9 percent. from 25.9 in 1975. to 25.4 in 1990. For whites in this same age group and period of time. the pregnancy rates decreased 8.6 percent. from 21.0 to 19.2. while the pregnancy rates for teens of all other races increased 3.0

FIGURE 5. PREGNANCY RATES AMONG TEENS, AGED 10-17 YEARS, BY RACE, RESIDENT DATA, TENNESSEE, 1975-1990



Rate per 1,000 female population aged 10-17 Years.

percent, from 46.1 in 1975 to 47.5 in 1990 (Figure 5).

Deaths: Beginning with 1979 events, the underlying causes of deaths have been classified under the title numbers of the *Ninth Revision of the International Classification of Diseases*. For the period 1968-1978, data were classified under the title numbers of the *Eighth Revision of the International Classification*.

Because the *Ninth Revision* represents some major changes from the groupings of diseases in the *Eighth Revision*, some regrouping of deaths by cause for the years prior to 1979 has been made in this Bulletin. Data for selected causes of death given in Table II is shown according to category titles of the *Ninth Revision*. In order to fit as nearly as possible the deaths by cause for the years prior to 1979 into the same categories as those for 1979-1990, a correspondence of code numbers for the *Eighth* and *Ninth Revisions* was used. This correspondence is shown in Appendix B on page 103.

Caution should be exercised in making any comparison of mortality by cause for deaths for 1979-1990 with that for previous years.

During 1990, deaths to Tennessee residents numbered 46,204, an increase of 1.9 percent over the 45,362 deaths in 1989. The death rate of 9.5 per 1,000 population increased 1.1 percent over the rate of 9.4 in 1989. The average age at death for Tennesseans was 69.4 (65.9 for men and 73.3 for women). Two hundred and forty-one Tennessee residents who died in 1990 were age 100 or older; the oldest man was 107 and the oldest woman was 113 years old.

In 1990, the 38,348 deaths among the white race showed an increase of 2.1 percent over the 37,575 deaths in 1989, and the 7,856 deaths among all other races increased 1.0 percent over the 7,782 deaths during 1989. For the white race in 1990, the death rate of 9.5 per 1,000 white population represented a 2.2 percent increase over the rate of 9.3 for the preceding year; the death rate of 9.5 per 1,000 population for races other than white remained the same as the rate in 1989.

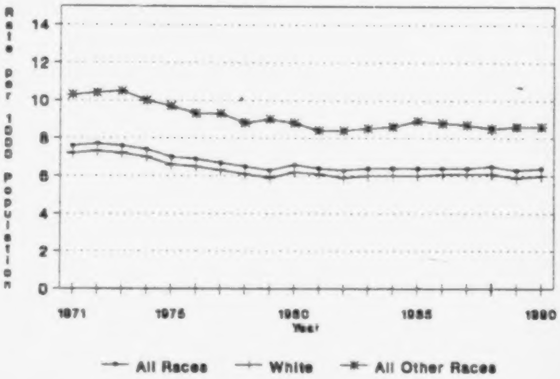
TABLE 16. AGE-ADJUSTED* DEATH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1971-1990

Year	All Races	White	All Other Races	Year	All Races	White	All Other Races
1971 ...	7.6	7.2	10.3	1981 ...	6.4	6.1	8.4
1972 ...	7.7	7.3	10.4	1982 ...	6.3	5.9	8.4
1973 ...	7.6	7.2	10.5	1983 ...	6.4	6.0	8.5
1974 ...	7.4	7.0	10.0	1984 ...	6.4	6.0	8.6
1975 ...	7.0	6.6	9.7	1985 ...	6.4	6.0	8.9
1976 ...	6.9	6.5	9.3	1986 ...	6.4	6.1	8.8
1977 ...	6.7	6.3	9.3	1987 ...	6.4	6.1	8.7
1978 ...	6.5	6.1	8.8	1988 ...	6.5	6.1	8.5
1979 ...	6.3	5.9	9.0	1989 ...	6.3	5.9	8.6
1980 ...	6.6	6.2	8.8	1990 ...	6.4	6.0	8.6

*Adjusted to age distribution of 1940 Census population of the United States.

Since death rates vary by age, the crude death rate is affected by the age composition of the population. In order to remove the effect of the changing age distribution of the population, age-adjusted death rates have been computed by race for the years 1971-1990 and are shown in Table 16 and Figure 6. These adjusted rates were calculated using the direct method with the total enumerated population of the United States in 1940 as a standard.

FIGURE 6.* AGE-ADJUSTED DEATH RATES PER 1,000 POPULATION, BY RACE, RESIDENT DATA, 1971-1990



If the age composition of the population of Tennessee had been the same in 1990 as that of the

United States in 1940, the death rate for the total population would have been 6.4 per 1,000 population rather than the crude rate of 9.5. This adjusted rate for 1990 was 15.8 percent lower than the comparable rate for 1971, while the crude death rate for 1990 was 1.1 percent higher than the crude death rate for 1971. In comparison to 1971, there is an increased number of older persons in the 1990 population among whom the risk of death is greatest. By comparing only crude death rates, the progress made in reducing mortality since 1971 is concealed due to the increasing proportion of older people in the population.

From 1971 to 1990, the age-adjusted death rate for the white population declined by 16.7 percent, while the rate for all other races showed a 16.5 percent decline. The age-adjusted death rate for all other races in 1990 was 43.3 percent higher than that for whites; whereas, the comparison of crude death rates showed that the rates for whites and for other races populations were the same.

TABLE 17. DEATH RATES PER 1,000 POPULATION, BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1990

	All Races	White			All Other Races		
Age Group	Total	Total	Male	Female	Total	Male	Female
All ages	9.5	9.5	10.3	8.7	9.5	10.7	8.4
Under 1 year+	10.3	8.0	8.9	7.1	16.9	18.0	15.9
1-4 years	0.5	0.4	0.5	0.4	0.8	0.9	0.7
5-9 years	0.2	0.2	0.2	0.2	0.4	0.4	0.4
10-14 years	0.3	0.3	0.4	0.1	0.4	0.4	0.4
15-19 years	0.9	0.9	1.2	0.5	1.2	1.7	0.6
20-24 years	1.3	1.1	1.8	0.5	1.9	3.1	0.7
25-29 years	1.4	1.2	1.8	0.6	2.3	3.6	1.2
30-34 years	1.6	1.4	2.1	0.6	2.9	4.1	1.9
35-44 years	2.3	2.0	2.7	1.3	3.9	5.5	2.5
45-54 years	5.3	4.7	6.2	3.3	8.8	11.8	6.5
55-64 years	13.6	12.7	17.3	8.6	20.2	27.2	15.1
65-74 years	29.2	27.7	36.9	19.2	40.6	53.1	32.1
75-84 years	64.1	62.9	84.9	50.6	72.2	93.8	59.8
85 years and over ..	157.1	158.1	196.7	144.1	150.4	177.8	137.6

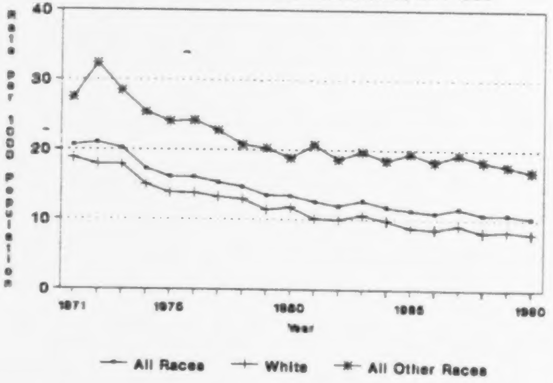
+Rate per 1,000 live births.

Age-specific death rates by race and sex for 1990 are given in Table 17. In the total population, death rates were high during infancy but were low during childhood years. After 44 years of age, the rates increased sharply and were at the highest level for persons in the 85 years and over age group. The rates for races other than white were at a higher level than those for whites except in the 85 years and over age group. Mortality was higher among males than among females for all age groups in both races except age group 5-9 for whites where both male and female rates were 0.2 per 1,000 population and in the age group 5-14 for races other than white where both male and female rates were 0.4 per 1,000 population. Males of both races in every age group 15-44 years experienced death rates at least twice as high as their female counterparts.

In 1990, the number of deaths to Tennessee residents was 46,204 or 3,159 fewer than the 49,363 deaths recorded in the State. Thus, there were more deaths of nonresidents occurring in Tennessee (4,148) than there were deaths of Tennessee residents occurring in other states (989).

Infant Mortality: In Tennessee during 1990, there were 770 resident infant deaths, with a record low infant mortality rate of 10.3 per 1,000 live births. The number of infant deaths was 2.4 percent lower than the 789 infant deaths in 1989. Figure 7 gives infant mortality rates for the past 20 years. The number of infant deaths and the mortality rates for the years 1971-1990 are given in Table I.

FIGURE 7. INFANT MORTALITY RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1971-1990



White infant deaths decreased from 459 deaths in 1989 to 449 deaths in 1990. while infant deaths of races other than white decreased from 330 deaths in 1989 to 321 deaths in 1990. The corresponding infant mortality rates in 1990 were 8.0 for whites and 16.9 for races other than white.

In 1990. there were 430 male infant deaths and 340 female infant deaths. The mortality rate of 11.1 per 1.000 live births experienced by male infants was 18.1 percent higher than the rate of 9.4 for female infants.

TABLE 18. LEADING CAUSES OF INFANT DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	All Races Number	All Races Rate	White Number	White Rate	All Other Races Number	All Other Races Rate
All causes	770	10.3	449	8.0	321	16.9
1. Congenital anomalies (740-759)	174	2.3	122	2.2	52	2.7
2. Sudden infant death syndrome (798.0)	112	1.5	66	1.2	46	2.4
3. Disorders relating to short gestation and unspecified low birthweight (765)	86	1.1	32	0.6	54	2.9
4. Respiratory distress syndrome (769)	50	0.7	32	0.6	18	1.0
5. Infections specific to the perinatal period (771)	25	0.3	14	0.3	11	0.6
6. Newborn affected by maternal complication of pregnancy (761)	20	0.3	12	0.2	8	0.4
7. Accidents and adverse effects (E800-E949)	17	0.2	9	0.2	8	0.4
8. Newborn affected by complications of placenta, cord, and membranes (762)	13	0.2	9	0.2	4	0.2
9. Intrauterine hypoxia and birth asphyxia (768)	12	0.2	10	0.2	2	0.1
10. Septicemia (038)	7	0.1	2	0.0	5	0.3

Table 18 presents the leading causes of infant deaths during 1990. Among the 770 infant deaths for Tennessee residents. the leading cause of infant mortality was attributed to congenital anomalies with 174 deaths and rate of 2.3 per 1.000 live births. This was also the leading cause of death for white infants with 122 deaths and a rate of 2.2. The leading cause of death for infants other than white was disorders relating to short gestation and unspecified low birthweight with 54 deaths and rate of 2.9.

Sudden infant death syndrome was the second leading cause of death for all races combined with 112 deaths and a rate of 1.5. and was also the second leading cause of white infant mortality. with 66 deaths and a rate of 1.2. For infants other than white. the second leading cause of death was congenital anomalies with 52 deaths and a rate of 2.7.

Mortality rates per 1.000 live births for infants of all other races were higher than those for white infants for all of the causes of death listed in Table 18 except for newborn affected by complications of placenta. cord and membranes. and also. for intrauterine hypoxia and birth asphyxia.

TABLE 19. NUMBER OF INFANT DEATHS BY AGE AT DEATH WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Age at Death	All Races Number	All Races Rate	White Number	White Rate	All Other Races Number	All Other Races Rate
Total, under 1 year	770	10.3	449	8.0	321	16.9
Neonatal (under 28 days)	490	6.5	282	5.0	208	11.0
Under 1 day	276	3.7	161	2.9	115	6.1
1-6 days	104	1.4	60	1.1	44	2.3
7-27 days	110	1.5	61	1.1	49	2.6
Under 1 month	497	6.6	285	5.1	212	11.2
1 month	71	0.9	44	0.8	27	1.4
2 months	49	0.7	25	0.4	24	1.3
3 months	37	0.5	25	0.4	12	0.6
4 months	32	0.4	16	0.3	16	0.8
5 months	19	0.3	12	0.2	7	0.4
6 months	21	0.3	14	0.3	7	0.4
7 months	18	0.2	13	0.2	5	0.3
8 months	9	0.1	7	0.1	2	0.1
9 months	7	0.1	4	0.1	3	0.2
10 months	7	0.1	3	0.1	4	0.2
11 months	3	0.0	1	0.0	2	0.1

Infant deaths by age at death and by race with rates per 1.000 live births are shown for 1990 in Table 19. Of the 770 infant deaths. 63.6 percent or 490 occurred during the neonatal period. the first 27 days of life. The neonatal mortality rate in 1990 was 6.5 per 1.000 live births. 4.4 percent lower than in 1989. Of the 490 neonatal deaths. 276 or 56.3 percent occurred among babies under 1 day of age. and an additional 104 or 21.2 percent died at 1-6 days of age: thus. 77.6 percent of the neonatal deaths occurred within the first week of life.

Of the 490 neonatal deaths in 1990, whites accounted for 282 deaths and other races, 208; corresponding rates were 5.0 per 1,000 white live births and 11.0 per 1,000 live births for all other races. The neonatal mortality rate for infants of other races was more than twice as high as that for white infants. This racial differential represented a slight decrease when compared to that of 1989 when the neonatal mortality rate was 11.9 for other races and 5.1 for white infants.

The two leading causes of death in the neonatal period were congenital anomalies with 117 deaths; followed by disorders relating to short gestation and unspecified low birthweight with 86 deaths.

Mortality in the postneonatal period was much lower than in the neonatal period. In 1990, there were 280 postneonatal deaths with a rate of 3.7 per 1,000 live births. The postneonatal mortality rate of 3.0 per 1,000 live births for white infants decreased by 9.1 percent from the rate of 3.3 in 1989; however, the postneonatal mortality rate of 6.0 for all other races in 1990 increased by 1.7 percent from the comparable rate of 5.9 in the preceding year.

The two leading causes of death in the postneonatal period were sudden infant death syndrome with 102 deaths followed by congenital anomalies with 57 deaths.

Maternal Mortality: Six Tennessee mothers were reported to have died from complications of pregnancy, childbirth, and the puerperium in 1990 giving a maternal mortality rate of 0.8 per 10,000 live births. In 1989, there were two maternal deaths with a corresponding rate of 0.3. Three of the maternal deaths in 1990 were white women and three were of other races. Causes of the maternal deaths and number for each cause were as follows: eclampsia, 1; postpartum hemorrhage, 1; other complications of obstetrical surgery and procedures, 1; obstetrical pulmonary embolism, 2; and other and unspecified complications of the puerperium not elsewhere classified, 1.

Principal Causes of Death: The groupings of principal causes of death in the tables that follow are in accordance with national recommendations and the *Ninth Revision International Classification of Diseases*, 1975.

TABLE 20. PRINCIPAL CAUSES OF DEATH WITH RATES PER 100,000 POPULATION, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	Deaths Number	Deaths Rate
All causes	46,204	947.3
1. Diseases of heart (390-398, 402, 404-429)	15,415	316.1
2. Malignant neoplasms (140-208)	10,504	215.4
3. Cerebrovascular disease (430-438)	3,622	74.3
4. Accidents and adverse effects (E800-E949)	2,264	46.4
5. Chronic obstructive pulmonary disease and allied conditions (490-496)	1,876	38.5
6. Pneumonia and influenza (480-487)	1,696	34.8
7. Diabetes mellitus (250)	914	18.7

The seven principal causes of death (as shown in Table 20) accounted for 36,291 or 78.5 percent of the total 46,204 deaths of Tennessee residents in 1990. The leading causes were the same as in 1989. Three of the seven showed increases in the death rates from 1989 to 1990. The death rate in 1990 for pneumonia and influenza showed the largest increase, 11.5 percent higher than the rate of 31.2 in 1989. Other increases are as follows: chronic obstructive pulmonary disease and allied conditions, with an increase of 4.6 percent and malignant neoplasms with an increase of 2.5 percent. The three leading causes of death that showed decreases in rate from 1989 were: accidents and adverse effects, 1.3 percent; diabetes mellitus, 1.1 percent; and diseases of heart, 0.3 percent. There was no change in cerebrovascular disease.

The seven principal causes of death for males and females in 1990 are shown in Table 21. For both males and females, the causes were the same and in the same rank order as in 1989. Of the six leading causes common to both sexes, death rates were higher for males than for females with the exception of cerebrovascular disease. Of the five leading causes for which death rates for the male population were higher than those for the female population, the greatest relative excess was for accidents and adverse effects where the rate for males was more than two times that for females.

TABLE 21. PRINCIPAL CAUSES OF DEATH WITH RATES PER 100,000 POPULATION, BY SEX, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	Deaths Number	Deaths Rate
Male		
All causes	24,343	1036.3
1. Diseases of heart (390-398, 402, 404-429)	7,955	336.7
2. Malignant neoplasms (140-208)	5,793	246.6
3. Accidents and adverse effects (E800-E949)	1,530	65.1
4. Cerebrovascular disease (430-438)	1,445	61.5
5. Chronic obstructive pulmonary disease and allied conditions (490-496)	1,146	48.8
6. Pneumonia and influenza (480-487)	822	35.0
7. Suicide (E950-E959)	523	22.3
Female		
All causes	21,861	864.7
1. Diseases of heart (390-398, 402, 404-429)	7,460	295.1
2. Malignant neoplasms (140-208)	4,711	186.3
3. Cerebrovascular disease (430-438)	2,177	86.1
4. Pneumonia and influenza (480-487)	874	34.6
5. Accidents and adverse effects (E800-E949)	734	29.0
6. Chronic obstructive pulmonary disease and allied conditions (490-496)	730	28.9
7. Diabetes mellitus (250)	539	21.3

Table III gives detailed information regarding cause of death by race, sex, and age. Mortality by cause differed by age group and race. (See Table IV for principal causes of death for eight age groups.) For the first four age groups, only five causes are shown due to the small numbers of deaths involved. For the four older age groups, the larger numbers of deaths make the listing of seven causes meaningful.

During 1990, there were 333 deaths of children 1-14 years of age with a rate of 35.0 per 100,000 population. There were 224 deaths among white children with a rate of 30.2 per 100,000 white population and 109 deaths among children of all other races with a rate of 51.7. Accidents and adverse effects was the leading cause of death for children of all races in this age group as well as for children of both racial groups. For white children 1-14 years of age, there were 111 deaths from accidents or 49.6 percent of the total white deaths; 47 deaths or 43.1 percent of the total deaths of races other than white were from this cause. Malignant neoplasms ranked as the second leading cause of death for children of all races and for white children in this age group, followed by congenital anomalies. Homicide and legal intervention and diseases of heart ranked as the fourth and fifth leading causes of death for all races, but ranked in reverse order for white children. For races other than white in this age group, homicide and legal intervention ranked as the second leading cause of death followed by congenital anomalies. Malignant neoplasms and diseases of heart tied as the fourth leading cause of death.

In the 15-24 year age group, accidents and adverse effects was the leading cause of death with 410 or 50.0 percent of the 820 deaths and with a rate of 55.8. Homicide and legal intervention, was the second leading cause of death, followed by suicide, malignant neoplasms, and diseases of heart. It is noteworthy that 78.3 percent of all deaths in this age group were from external causes which are potentially preventable.

For the age group 25-34 years, the five leading causes of death were the same and in the same rank order as for the preceding age group. Death rates for the leading causes for all races in this age group were higher than those for the age group 15-24 years with the exception of accidents and adverse effects. In this age group, 57.9 percent of the deaths were from external causes.

The five principal causes of death in the age group 35-44 years, were the same as those for the two preceding age groups but in a different rank order.

Malignant neoplasms was the leading cause of death for this age group followed by diseases of heart, accidents and adverse effects, homicide and legal intervention, and suicide. In contrast to the 15-24 year age group, only 30.3 percent of the deaths in the 35-44 year age group were from external causes. Deaths from external causes accounted for one-half of the deaths of persons 1-44 years of age.

In the age group 45-64 years, the leading cause of death was malignant neoplasms, accounting for 3,062 or 35.4 percent of deaths in this age group. Diseases of heart ranked second with 30.7 percent, followed by accidents and adverse effects and cerebrovascular disease. Chronic obstructive pulmonary disease and allied conditions, and chronic liver disease and cirrhosis ranked fifth and sixth, respectively, for ages 45-64 years. Diabetes was the seventh leading cause of death for this age group in 1990.

Diseases of heart was the leading cause of death in the 65-74 year age group with 3,549 deaths or 33.9 percent followed by malignant neoplasms with 3,279 or 31.4 percent. Cerebrovascular disease ranked third followed by chronic obstructive pulmonary disease and allied conditions, pneumonia and influenza, diabetes mellitus, and accidents and adverse effects.

For the age group 75-84 years, diseases of heart ranked first for the leading cause of death with a total of 4,924 deaths or 37.9 percent. Malignant neoplasms with 2,617 deaths or 20.1 percent of deaths ranked second, followed by cerebrovascular disease, chronic obstructive pulmonary disease and allied conditions, pneumonia and influenza, diabetes, and accidents and adverse effects.

For the age group 85 years and over, 3,832 or 41.5 percent were attributed to diseases of heart. Cerebrovascular disease and malignant neoplasms ranked second and third, respectively, in the 85 years and over age group, the reverse order of the two previous age groups. Pneumonia and influenza ranked fourth followed by chronic obstructive pulmonary disease and allied conditions, atherosclerosis, and accidents and adverse effects.

Diseases of Heart: Diseases of heart, the leading cause of death in the State during 1990, accounted for 15,415 deaths, corresponding to a rate of 316.1 per 100,000 population. Deaths due to this cause in 1990 showed an increase of 0.3 percent over the 15,364 deaths in 1989, while the rate decreased by 0.3 percent from the 1989 rate of 317.2. Of the total number of deaths reported to be due to diseases of heart in 1990, there were 10,616 deaths or 68.9 percent classified as ischemic heart disease.

Malignant Neoplasms: Malignant neoplasms, the second leading cause of mortality in Tennessee during 1990, was responsible for 10,504 deaths or a rate of 215.4 per 100,000 population. The number of deaths in 1990 reflected an increase of 3.2 percent over the 10,181 deaths in 1989; and a death rate increase of 2.5 percent over the rate of 210.2 during the preceding year. The white population experienced 8,793 deaths from this cause corresponding to a rate of 217.2, while deaths of persons of other races numbered 1,711 with a rate of 206.4. Comparable death rates for the white population and the population of races other than white in 1989 were 211.1 and 205.6, respectively; thus, the death rate for whites increased 2.9 percent from 1989 to 1990 and that for persons of other races increased 0.4 percent.

Mortality from malignant neoplasms varied according to primary site (as shown in Table 22). In 1990, the most frequently stated primary site was the respiratory and intrathoracic organs for which the death rate of 71.5 per 100,000 population reflected an increase of 5.5 percent increase over the comparable

TABLE 22. NUMBER OF DEATHS FROM MALIGNANT NEOPLASMS ACCORDING TO PRIMARY SITE WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

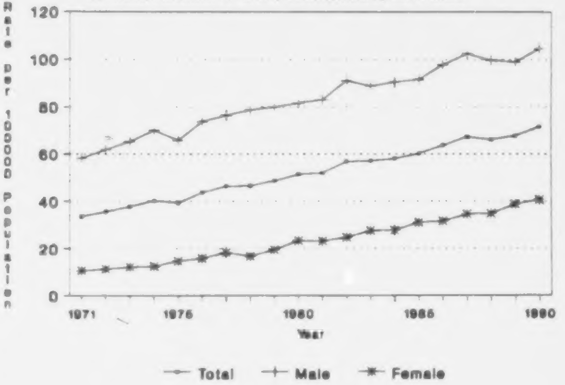
Primary Site	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Total	10,504	215.4	8,793	217.2	1,711	206.4
Lip, oral cavity, and pharynx (140-149)	162	3.3	134	3.3	28	3.4
Digestive organs and peritoneum (150-159)	2,371	48.6	1,912	47.2	459	55.4
Respiratory and intrathoracic organs (160-165)	3,487	71.5	2,971	73.4	516	62.2
Breast (174-175)	837	17.2	705	17.4	132	15.9
Uterus (179-182)##	234	9.3	176	8.4	58	13.1
Other female genital organs (183-184)##	259	10.2	228	10.9	31	7.0
Male genital organs (185-187)##	634	27.0	480	24.5	154	39.8
Urinary organs (188-189)	397	8.1	342	8.4	55	6.6
Skin (172-173)	196	4.0	181	4.5	15	1.8
Brain (191)	272	5.6	251	6.2	21	2.5
Other and unspecified (170, 171, 190, 192-199)	639	13.1	521	12.9	118	14.2
Leukemia (204-208)	394	8.1	349	8.6	45	5.4
Other lymphatic and hematopoietic tissue (200-203)	622	12.8	543	13.4	79	9.5

##Rate per sex-specific population.

rate of 67.8 in 1989. The digestive organs and peritoneum. for which the death rate in 1990 was 48.6. ranked second and showed an increase of 0.4 percent over the rate of 48.4 for the preceding year. These two sites accounted for 5.858 deaths or 55.8 percent of all deaths from malignant neoplasms in 1990. In 1990. for the sites skin and brain. the white rates were substantially higher than the rates for other races. For the site male genital organs. the rates were substantially higher for all other races than for the white race.

The mortality rates for malignant neoplasms for most of the major primary sites have remained relatively stable over the 20-year period 1971-1990 (Table II). For the site respiratory and intrathoracic organs. however. large increases have been noted (Figure 8). The total malignant neoplasm death rate for respiratory and intrathoracic organs increased by 112.8 percent from 33.6 per 100.000 population in 1971 to 71.5 in 1990. The female mortality rate for this site increased by 284.0 percent in the 20 years from a rate of 10.6 to a rate of 40.7 per 100.000 female population. while the comparable male mortality rate increased by 79.7 percent. from a rate of 58.2 to a rate of 104.6 per 100.000 male population.

FIGURE 8. DEATH RATES PER 100,000 POPULATION FOR MALIGNANT NEOPLASMS OF THE RESPIRATORY AND INTRATHORACIC ORGANS, BY SEX, RESIDENT DATA, TENNESSEE, 1971-1990



Cerebrovascular Disease: In 1990. deaths from cerebrovascular disease. the third principal cause of death. numbered 3.622. corresponding to a rate of 74.3 per 100.000 population. Among the white population. deaths from this cause numbered 2.976 with a rate of 73.5: among those of all other races. there were 646 deaths with a rate of 77.9. The death rate for the white population showed an increase of 1.1 percent. while the rate for races other than white decreased 5.0 percent from the comparable rate in 1989.

For the years 1971-1990. the death rate for cerebrovascular disease has been higher for white females than white males. In 1974. 1977. and 1980-1990. females of other races have had a higher death rate than their male counterparts.

Accidents and Adverse Effects: Accidents and adverse effects. the fourth principal cause of death. resulted in the deaths of 2.264 Tennessee residents during 1990. corresponding to a rate of 46.4 per 100.000 population. The number of deaths showed a decrease of 0.6 percent from the 2.277 deaths in 1989. while the rate decreased 1.3 percent from the rate of 47.0 for the preceding year.

For all ages combined. the death rate for males was over two times that for females in both racial groups. The excess mortality in males over females was observed in every age group for both racial groups. The increased mortality from accidents among young people. particularly white males 15-29 years of age. is associated with the high incidence of motor vehicle accidents.

Comparison of mortality from accidents and adverse effects by race and sex. as shown in Table II. indicates that the death rate for white males. all ages combined. was 1.5 percent lower than the comparable rate for males of other races. The death rate for white females. all ages combined. was 27.4 percent higher than the rate for females of other races.

TABLE 23. NUMBER OF DEATHS FROM ACCIDENTS AND ADVERSE EFFECTS ACCORDING TO TYPE OF ACCIDENT WITH RATES PER 100,000 POPULATION, RESIDENT DATA, TENNESSEE, 1990

Type of Accident	Deaths Number	Deaths Rate
Total	2,264	46.4
Motor vehicle (E810-E825)	1,210	24.8
Water transportation (E830-E838)	25	0.5
Air and space transportation (E840-E845)	16	0.3
Other transport (E800-E807, E826-E829, E846-E848)	17	0.3
Poisoning by drugs, medicaments, and biologicals (E850-E858)	69	1.4
Poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	24	0.5
Falls (E880-E888)	251	5.1
Fire and flames (E890-E899)	125	2.6
Natural and environmental factors (E900-E909)	29	0.6
Drowning and submersion (E910)	93	1.9
Suffocation by food or other object (E911-E912)	87	1.8
Mechanical suffocation (E913)	10	0.2
Struck by falling object (E916)	24	0.5
Machinery (E919)	36	0.7
Firearm missile (E922)	81	1.7
Electric current (E925)	13	0.3
Other (E870-E876, E878-E879, E914-E915, E917-E918, E920-E921, E923-E924, E926-E949)	154	3.2

Data on mortality from accidents and adverse effects according to type of accident in 1990 are given in Table 23. There were 1.210 deaths due to motor vehicle accidents. The next three most frequently reported types of fatal accidents were: falls. 251: fire and flames. 125: and drowning and submersion. 93.

TABLE 24. NUMBER OF DEATHS FROM ACCIDENTS AND ADVERSE EFFECTS BY CLASS OF ACCIDENT WITH PERCENTAGES, RESIDENT DATA, TENNESSEE, 1990

Class of Accident	Number	Percent
Total	2,264	100.0
Home	396	17.5
Motor vehicle	1,210	53.4
Occupational	62	2.7
Other public	325	14.4
Unspecified or unknown	271	12.0

In Table 24. the distribution of accidental deaths is shown according to class of accident. Motor vehicles accounted for 53.4 percent of all accidental deaths: home accidents. 17.5 percent: other public. 14.4 percent: occupational. 2.7 percent: and unspecified accidents. 12.0 percent. In addition to the 62 deaths from occupational accidents. there were 28 deaths from accidents which were classified as motor vehicle or other transportation that occurred during the course of gainful employment. Thus. the total number of occupational accidental deaths was 90.

TABLE 25. AVERAGE ANNUAL DEATH RATES PER 100,000 POPULATION FOR ACCIDENTS AND ADVERSE EFFECTS ACCORDING TO CLASS OF ACCIDENT, BY AGE, RESIDENT DATA, TENNESSEE, 1988-1990

Age Group	Home	Motor Vehicle	Occupational	Other Public
All ages	8.6	25.0	1.4	7.3
Under 5 years	13.6	9.2	-	1.6
5-19 years	4.3	6.6	-	1.9
10-14 years	3.6	8.7	-	2.2
15-19 years	3.5	48.2	0.5	4.8
20-24 years	3.6	44.3	1.1	7.0
25-29 years	5.2	34.7	2.1	6.6
30-34 years	7.5	29.9	2.2	5.3
35-44 years	5.7	22.6	2.6	5.9
45-54 years	5.1	19.9	2.3	5.3
55-64 years	9.0	18.9	1.8	7.1
65-74 years	13.8	25.7	1.2	11.3
75-84 years	30.3	32.6	1.0	29.8
85 years and over	92.1	33.8	1.2	77.0

Average annual death rates for each class of accident by age for 1988-1990 are given in Table 25. The risk of a fatal home accident was comparatively greater for children under 5 years of age and for persons 65 years of age and over. Death rates for motor vehicle accidents were highest for young persons 15-24 years of age.

Home Accidents: Data regarding deaths from home accidents by type and race are given in Table 26. Home accidents took the lives of 396 Tennessee residents in 1990, yielding a death rate of 8.1 per 100,000 population. Of these, 310 deaths were of white persons and 86 were of persons of other races with death rates of 7.7 and 10.4, respectively. Thus, the rate of mortality from home accidents was 35.1 percent greater for persons of races other than white.

TABLE 26. NUMBER OF DEATHS FROM HOME ACCIDENTS ACCORDING TO TYPE OF ACCIDENT WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Type of Accident	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Total	396	8.1	310	7.7	86	10.4
Poisoning	47	1.0	36	0.9	11	1.3
Falls	112	2.3	105	2.6	7	0.8
Fire and flames	116	2.4	77	1.9	39	4.7
Drowning	19	0.4	13	0.3	6	0.7
Suffocation by food or other object	15	0.3	10	0.2	5	0.6
Mechanical suffocation	10	0.2	9	0.2	1	0.1
Firearm missile	44	0.9	34	0.8	10	1.2
Other	33	0.7	26	0.6	7	0.8

The most frequently reported type of home accident was fire and flames with 116 deaths; falls ranked second with 112 deaths. Together, these two types of accidents accounted for 57.6 percent of all home accidents.

Differences in the risk of mortality between the white population and the population of races other than white varied according to type of home accident. For the white population, the death rate was highest for falls with a mortality rate over three times that for other races. Other races had a mortality rate almost one and one-half times that of whites for deaths due to fire and flames.

Motor Vehicle Accidents: There were 1,210 deaths of Tennessee residents due to motor vehicle accidents, or 24.8 per 100,000 population. The number of deaths was 6.3 percent higher than the comparable figure of 1,138 in 1989. Tennessee's 1990 motor vehicle fatalities included 37 children under 5 years of age, compared to 26 such deaths in 1989.

Most of the fatalities, 97.4 percent, occurred on public highways and rights-of-way. In 520 or 43.0 percent of the total motor vehicle deaths, there was a collision with another motor vehicle, and in an additional 8.4 percent or 102 deaths, there was a collision with a pedestrian. Deaths resulting from non-collision accidents on public highways accounted for 157 deaths or 13.0 percent of the total motor vehicle deaths, and the majority of these were due to loss of control of the vehicle.

Of the 999 deaths of motor vehicle occupants involved in traffic accidents in 1990, 700 or 70.1 percent were not using a seat belt. In 148 or 14.8 percent of the deaths, the seat belt was used. For the remaining 151 or 15.1 percent of the deaths, it was unknown if seat belts were in use.

In 1990, motor vehicle accidents to Tennessee residents caused 2.6 deaths per 10,000 registered vehicles, the same as the rate in 1989.

Chronic Obstructive Pulmonary Disease and Allied Conditions: Chronic obstructive pulmonary disease and allied conditions, which ranked as the fifth principal cause of death in 1990, accounted for 1,876 deaths, giving a death rate of 38.5 per 100,000 population. The rate was 4.6 percent higher than the rate of 36.8 for this group of causes in 1989. The death rate of 41.7 for the white population was almost two times higher than the rate of 22.8 for the population of races other than white. The rate for males of all races was over one and one-half that of their female counterparts. Of the 1,876 deaths from this group of causes, 1,384 were assigned to chronic airways obstruction, not elsewhere classified, 297 to emphysema, 109 to asthma, 69 to bronchitis, and 17 to bronchiectasis.

Pneumonia and Influenza: The sixth principal cause of death, pneumonia and influenza, was the cause of 1,696 deaths of Tennessee residents in 1990, corresponding to a rate of 34.8 per 100,000 population. The death rate for this cause in 1990 showed an increase of 11.5 percent over the comparable rate of 31.2 in 1989. This cause accounted for 1,457 deaths in the white population, while 239 deaths were reported in the population of races other than white.

Thirty-eight Tennessee residents died from influenza in 1990, an increase over the 19 deaths reported in 1989. The influenza death rate of 0.8 was an increase of 100.0 percent over the rate of 0.4 in 1989. Of the 38 deaths from influenza in 1990, 35 occurred to persons 65 years of age and over. In 1989, 12 of the 19 deaths from influenza were in the 65 years and over age group.

During 1990, all deaths from influenza occurred during the first 3 months of the year (January, 22 deaths; February, 14 deaths; and March, 2 deaths).

Pneumonia was responsible for 97.8 percent of all deaths attributed to pneumonia and influenza. The 1,658 deaths due to pneumonia in 1990 represented a 11.3 percent increase relative to the 1,490 deaths in 1989, while the rate of 34.0 in 1990 increased 10.4 percent over the rate of 30.8 in 1989.

Diabetes Mellitus: In 1990, there were 914 deaths of Tennessee residents due to diabetes mellitus, the seventh leading cause of death, corresponding to a rate of 18.7 per 100,000 population. The number of deaths showed a decrease of 0.1 percent from the 915 deaths in 1989, while the rate decreased 1.1 percent from the rate of 18.9. In 1990, of the 914 deaths, 723 were white and 191 were other races. The death rate of 23.0 for races other than white was 28.5 percent higher than the rate of 17.9 for the white population.

Suicide: There were 654 deaths of Tennessee residents stated to be by suicide in 1990 with a rate of 13.4 per 100,000 population. The number of suicides represented a decrease of 2.5 percent from the 671 suicides in 1989, while the rate decreased 3.6 percent. The death rate of 14.3 for the white population was over one and one-half that of 9.0 for other races. Also, the death rate of 22.3 from suicide for males was over four times the comparable rate of 5.2 for females in 1990.

Homicide and Legal Intervention: In 1990, there were 564 deaths by homicide and legal intervention with a rate of 11.6 per 100,000 population. Both the number and rate of homicides increased 22.1 percent over the 462 homicides and the rate of 9.5 in 1989. The rate of 39.1 for races other than white was over six and one-half times the white rate of 5.9.

Of the 564 homicides, 383 or 67.9 percent of these deaths were due to firearms and explosives, which increased 17.5 percent over 1989. For white males, the death rate of 6.3 remained unchanged from 1989 to 1990. In contrast, the 1990 rate of 48.4 for males of races other than white increased 27.4 percent over the rate of 38.0 in 1989.

Of the 564 deaths from homicide and legal intervention in 1990, the death of 1 white male was attributed to legal intervention as compared with the death of 1 other races male in 1989.

Nephritis, Nephrotic Syndrome, and Nephrosis: In 1990, there were 400 deaths from nephritis, nephrotic syndrome, and nephrosis corresponding to a rate of 8.2 per 100,000 population. Among the white population, deaths from this cause numbered 289 with a rate of 7.1; among those of other races, there were 111 deaths with a rate of 13.4. The death rate for the white population decreased 1.4 percent from the rate of 7.2 in 1989, while the rate for races other than white increased 14.5 percent over the rate of 11.7 in 1989.

Atherosclerosis: In 1990, there were 405 deaths due to atherosclerosis corresponding to a rate of 8.3 per 100,000 population. For the white population, the rate of 10.6 per 100,000 population for females was 47.2 percent higher than the rate of 7.2 for males. For the population of races other than white, the rate of 5.0 for females was 2.0 percent higher than the rate of 4.9 for males. The rate of 9.7 for females of all races combined in 1990 showed a 11.0 percent decrease from the rate of 10.9 in 1989, while the male rate increased 9.5 percent to 6.9 over the 1989 rate of 6.3. In 1990, there were only 9 deaths from atherosclerosis occurring to persons under 55 years of age in contrast to 179 deaths to persons aged 85 years and over.

Chronic Liver Disease and Cirrhosis: In 1990, there were 508 deaths from chronic liver disease and cirrhosis with a rate of 10.4 per 100,000 population. Of those who died from this cause, 411 were white corresponding to a rate of 10.2, and 97 were of races other than white with a rate of 11.7. The death rate of 10.2 for the white population increased 15.9 percent over the rate of 8.8 in 1989. The rate of 11.7 for the population of races other than white increased 39.3 percent over the rate of 8.4 for the preceding year.

Acute Infectious and Parasitic Diseases: There was one death attributed to the cause streptococcal sore throat, scarlatina, and erysipelas. Other deaths due to infectious diseases included: septicemia, 257; viral hepatitis, 42; meningococcal infection, 4; syphilis, 4; and viral encephalitis, 3. There were no deaths attributed to amebiasis, Rocky Mountain spotted fever, shigellosis, measles, or whooping cough.

Human Immunodeficiency Virus (HIV) Infection: During 1990, there were 205 deaths (152 whites, 53 of other races) reported from the human immunodeficiency virus (HIV) infection, more commonly referred to as AIDS. The rate was 4.2 per 100,000 population. In 1989, there were 144 deaths with a rate of 3.0 per 100,000 population.

Males accounted for 94.1 percent of the deaths due to AIDS in 1990. Of these 193 males, 143 were aged 25-44 years. AIDS was the sixth leading cause of death among men 25-44 years of age. Of the 12 females who died from AIDS, 10 were in this same age group.

Beginning with data for 1987, the National Center for Health Statistics (NCHS) introduced new category numbers *042-*044 for classifying and coding the human immunodeficiency virus (HIV) infection. The asterisk before the category numbers indicates that these codes are not part of the *Ninth Revision of the International Classification of Diseases* (ICD-9). During the period 1983-1986, the condition code 279.1 was used in accordance with instructions from the National Center for Health Statistics in consultation with World Health Organization officials. This code (279.1) was not unique for AIDS; other conditions were also included in the category. Caution should be exercised when comparing 1987-1990 data with previous years.

Tuberculosis: In 1990, the deaths of 41 Tennessee residents were reported to be due to tuberculosis, giving a death rate of 0.8 per 100,000 population. Of these deaths, 30 occurred in the white population and 11 in the population of races other than white. The death rates were 0.7 for whites and 1.3 for all other races; comparable rates for tuberculosis in 1989 were 1.1 and 1.7, respectively. Mortality from tuberculosis was higher for males of both racial groups than for females. There were only 3 deaths from tuberculosis in 1990 occurring to a person under 45 years of age, in contrast to 29 deaths to persons aged 65 years and over.

Marriages: In 1990, the 45th year for which data for marriages have been analyzed and included in the *Vital Statistics Bulletin*, 67,995 marriages were recorded in Tennessee as shown in Table 27. This represented an increase of 4.6 percent over the 64,990 marriages recorded in 1989. Effective July 1, 1985 the State law requiring a pre-marital medical examination was repealed. This change may have contributed to the increase in number of marriages in Tennessee.

TABLE 27. NUMBER OF MARRIAGES RECORDED AND PERSONS MARRIED WITH RATES PER 1,000 POPULATION, TENNESSEE, 1981-1990

Year	Marriages Recorded	Persons Married	
		Number	Rate
1981	60,058	120,116	26.0
1982	57,891	115,782	25.0
1983	56,467	112,934	24.2
1984	55,203	110,406	23.6
1985	54,997	109,994	23.4
1986	59,730	119,460	25.2
1987	61,358	122,716	25.7
1988	65,326	130,652	27.2
1989	64,990	129,980	26.8
1990	67,995	135,990	27.9

Effective May 2, 1989, marriages for which the couple obtained a Tennessee marriage license, but had a ceremony performed out of state are now valid. Of the 67,995 recorded marriages, 51 marriages were performed in another state (Table VIII).

During 1990, of the 67,995 marriages recorded in Tennessee, 43.3 percent occurred in 5 counties: Davidson, 6,263; Hamilton, 3,352; Knox, 3,485; Shelby, 8,651; and Sevier (resort town of Gatlinburg), 7,685.

In 1990, the most frequently stated age at marriage was 19 years for the bride and 23 years for the groom.

TABLE 28. NUMBER OF MARRIAGES ACCORDING TO PREVIOUS MARITAL STATUS OF BRIDE AND GROOM, RECORDED DATA, TENNESSEE, 1990

Groom	Bride				
	Total	Single	Widowed	Divorced	Unknown
Total	67,995	22,232	2,708	30,591	12,464
Single	22,932	17,491	204	5,145	92
Widowed	2,164	117	914	1,056	77
Divorced	30,046	4,579	1,435	21,364	2,668
Unknown	12,853	45	155	3,026	9,627

Data regarding the previous marital status of the bride and groom are shown in Table 28. In 25.7 percent of the marriages, both the bride and groom were marrying for the first time, while in 36.4 percent of the marriages, both the bride and groom had been previously married.

Divorces: In 1990, the 45th consecutive year for which data for divorces have been analyzed and included in the *Vital Statistics Bulletin*, 32,183 divorces were recorded in Tennessee. This represented an increase of 1.0 percent over the 32,183 divorces in 1989. There were 64,366 persons granted divorces in 1990, giving a divorce rate of 13.2 divorced persons per 1,000 population. Table 29 presents the number of divorces recorded and divorce rates for the years 1981-1990.

TABLE 29. NUMBER OF DIVORCES RECORDED AND PERSONS DIVORCED WITH RATES PER 1,000 POPULATION, TENNESSEE, 1981-1990

Year	Divorces Recorded	Persons Divorced	
		Number	Rate
1981	31,135	62,270	13.5
1982	29,765	59,530	12.8
1983	29,418	58,836	12.6
1984	29,697	59,394	12.7
1985	29,860	59,720	12.7
1986	30,031	60,062	12.7
1987	30,324	60,648	12.7
1988	31,287	62,574	13.0
1989	31,853	63,706	13.2
1990	32,183	64,366	13.2

Of the 32,183 divorces, 3.3 percent or 1,048 were obtained within the first year of marriage, and 47.8 percent or 15,371 were granted to couples who were married 5 years or less. Divorces were granted to 3,339 couples or 10.4 percent who had been married 20 years or more. No minor children were involved in 49.8 percent or 16,028 of the divorces; for another 26.0 percent or 8,357 of the divorces, only 1 minor child was involved. Ten divorces involved six or more children.

Many factors need to be considered in the interpretation of these divorce statistics. The number of divorces that occurs in a calendar year cannot be related to the number of marriages that occurs in the same time period. The marriages that end in divorce have occurred at various times and in various states.

SUMMARY

SUMMARY OF TENNESSEE RESIDENT VITAL STATISTICS FOR 1990

Population	Total	4,877,185	The total population increased by 0.7 percent.
	White	4,048,068	
	Other Races	829,117	
Live Births			The number, birth rate, and fertility rate increased over 1989.
Number		74,870	
Birth Rate		15.4	
Fertility Rate (per 1,000 females 15–44)		64.7	
Fetal Deaths			Both the number and ratio increased over 1989.
Number		442	
Ratio		5.9	
Births to Teenage Mothers (10–17)			The number and percentage decreased when compared with 1989.
Number		4,797	
Percent		6.4	
Induced Abortions			Both the number and ratio increased over 1989.
Number		19,641	
Ratio		262.3	
Total Pregnancies (women 10–49)			The pregnancy rate of 93.3 for women of other races was 60.9 percent higher than the rate of 58.0 for white women.
Number		94,953	
Rate		64.7	
Infant Deaths			Both the number and rate decreased when compared with 1989. The rate is a record low.
Number		770	
Rate		10.3	
Maternal Deaths			Both the number and rate increased in 1990.
Number		6	
Rate		0.8	
Deaths			The crude death rate of 9.5 was the same for whites and all other races in 1990.
Number		46,204	
Rate		9.5	
Malignant Neoplasms			Malignant neoplasms remained the second leading cause of death, but reflected an increase in both number and rate over 1989.
Number		10,504	
Rate		215.4	
Deaths From Motor Vehicle Accidents			Motor vehicle accidents were responsible for 53.4 percent of all accidental deaths.
Number		1,210	
Rate		24.8	
Marriages			Both the number and rate of marriages increased over 1989.
Number		67,995	
Rate		27.9	
Divorces			The number of divorces increased, but the rate remained the same as in 1989.
Number		32,183	
Rate		13.2	

TABLE I-POPULATION, BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, FETAL DEATHS WITH RATIOS PER 1,000 LIVE BIRTHS, AND INFANT AND NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RECORDED AND RESIDENT DATA, TENNESSEE, 1971-1990

Year	Estimated Population			Live Births						Deaths					
				All Races		White		All Other Races		All Races		White		All Other Races	
	All Races	White	All Other Races	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Recorded															
1971 . . .	4,010,049	3,373,279	636,770	74,948	18.7	58,700	17.4	16,247	25.5	40,054	10.0	32,473	9.6	7,581	11.9
1972 . . .	4,087,692	3,442,625	645,067	69,473	17.0	54,125	15.7	15,346	23.8	41,614	10.2	33,905	9.8	7,709	12.0
1973 . . .	4,138,358	3,491,858	646,500	67,789	16.4	52,463	15.0	15,323	23.7	42,230	10.2	34,323	9.8	7,902	12.2
1974 . . .	4,201,224	3,547,875	653,349	67,882	16.2	52,763	14.9	15,119	23.1	41,813	10.0	34,168	9.6	7,643	11.7
1975 . . .	4,260,910	3,603,663	657,247	65,752	15.4	50,856	14.1	14,895	22.7	40,967	9.6	33,521	9.3	7,445	11.3
1976 . . .	4,328,913	3,668,603	660,310	65,644	15.2	50,916	13.9	14,725	22.3	41,319	9.5	34,065	9.3	7,252	11.0
1977 . . .	4,402,111	3,737,934	664,177	69,983	15.9	54,421	14.6	15,561	23.4	41,492	9.4	34,170	9.1	7,322	11.0
1978 . . .	4,461,825	3,794,296	667,529	70,202	15.7	53,861	14.2	16,333	24.5	41,106	9.2	34,026	9.0	7,080	10.6
1979 . . .	4,533,370	3,859,505	673,865	72,127	15.9	55,121	14.3	17,006	25.2	41,067	9.1	33,845	8.8	7,222	10.7
1980 . . .	4,591,120	3,835,452	755,668	72,867	15.9	55,753	14.5	17,110	22.6	43,153	9.4	35,461	9.2	7,690	10.2
1981 . . .	4,614,621	3,855,201	759,420	70,747	15.3	54,170	14.1	16,570	21.8	42,946	9.3	35,625	9.2	7,319	9.6
1982 . . .	4,638,058	3,874,899	763,159	71,092	15.3	54,771	14.1	16,317	21.4	42,893	9.2	35,456	9.2	7,436	9.7
1983 . . .	4,661,551	3,894,608	766,943	70,158	15.1	53,842	13.8	16,309	21.3	44,384	9.5	36,790	9.4	7,593	9.9
1984 . . .	4,685,024	3,914,332	770,692	69,713	14.9	53,552	13.7	16,155	21.0	45,093	9.6	37,476	9.6	7,615	9.9
1985 . . .	4,708,378	3,934,012	774,366	71,506	15.2	54,562	13.9	16,938	21.9	46,184	9.8	38,251	9.7	7,932	10.2
1986 . . .	4,742,220	3,956,847	785,373	70,784	14.9	53,897	13.6	16,882	21.5	47,218	10.0	39,217	9.9	8,001	10.2
1987 . . .	4,775,916	3,979,642	796,274	72,680	15.2	55,128	13.9	17,549	22.0	47,841	10.0	39,834	10.0	8,005	10.1
1988 . . .	4,809,685	4,002,461	807,224	75,595	15.7	56,846	14.2	18,740	23.2	48,761	10.1	40,667	10.2	8,094	10.0
1989 . . .	4,843,448	4,025,252	818,196	77,678	16.0	58,004	14.4	19,663	24.0	48,515	10.0	40,216	10.0	8,299	10.1
1990 . . .	4,877,185	4,048,068	829,117	79,274	16.3	59,297	14.6	19,968	24.1	49,363	10.1	40,972	10.1	8,391	10.1
Resident															
1971 . . .	....	....	....	71,202	17.8	56,075	16.6	15,125	23.8	37,783	9.4	30,671	9.1	7,112	11.2
1972 . . .	....	....	....	65,802	16.1	51,609	15.0	14,191	22.0	39,345	9.6	32,039	9.3	7,306	11.3
1973 . . .	....	....	....	64,303	15.5	50,113	14.4	14,187	21.9	39,724	9.6	32,319	9.3	7,394	11.4
1974 . . .	....	....	....	64,154	15.3	50,201	14.1	13,952	21.4	39,376	9.4	32,214	9.1	7,158	11.0
1975 . . .	....	....	....	62,265	14.6	48,453	13.4	13,808	21.0	38,522	9.0	31,504	8.7	7,013	10.7
1976 . . .	....	....	....	62,514	14.4	48,750	13.3	13,760	20.8	38,938	9.0	32,086	8.7	6,847	10.4
1977 . . .	....	....	....	66,632	15.1	52,110	13.9	14,521	21.9	39,080	8.9	32,110	8.6	6,970	10.5
1978 . . .	....	....	....	66,466	14.9	51,183	13.5	15,275	22.9	38,654	8.7	31,964	8.4	6,690	10.0
1979 . . .	....	....	....	68,326	15.1	52,303	13.6	16,021	23.8	38,712	8.5	31,837	8.2	6,875	10.2
1980 . . .	....	....	....	69,102	15.1	52,967	13.8	16,129	21.3	40,713	8.9	33,416	8.7	7,291	9.6
1981 . . .	....	....	....	67,050	14.5	51,429	13.3	15,614	20.6	40,480	8.8	33,533	8.7	6,941	9.1
1982 . . .	....	....	....	67,078	14.5	51,748	13.4	15,327	20.1	40,260	8.7	33,238	8.6	7,021	9.2
1983 . . .	....	....	....	65,465	14.0	50,469	13.0	14,989	19.5	41,604	8.9	34,438	8.8	7,161	9.3
1984 . . .	....	....	....	64,937	13.9	49,951	12.8	14,979	19.4	42,221	9.0	35,031	8.9	7,183	9.3
1985 . . .	....	....	....	66,730	14.2	50,989	13.0	15,735	20.3	43,176	9.2	35,729	9.1	7,444	9.6
1986 . . .	....	....	....	66,246	14.0	50,445	12.7	15,798	20.1	44,237	9.3	36,674	9.3	7,561	9.6
1987 . . .	....	....	....	67,942	14.2	51,410	12.9	16,528	20.8	44,884	9.4	37,307	9.4	7,572	9.5
1988 . . .	....	....	....	70,685	14.7	53,053	13.3	17,625	21.8	45,728	9.5	38,157	9.5	7,567	9.4
1989 . . .	....	....	....	73,137	15.1	54,504	13.5	18,620	22.8	45,362	9.4	37,575	9.3	7,782	9.5
1990 . . .	....	....	....	74,870	15.4	55,919	13.8	18,941	22.8	46,204	9.5	38,348	9.5	7,856	9.5

Totals of events may include items with race not stated.

TABLE I (Continued)-POPULATION, BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, FETAL DEATHS WITH RATIOS PER 1,000 LIVE BIRTHS, INFANT AND NEONATAL DEATHS WITH RATES PER 1,000 LIVE BIRTHS, BY RACE, RECORDED AND RESIDENT DATA, TENNESSEE, 1971-1990

Year	Fetal Deaths						Infant Deaths						Neonatal Deaths					
	All Races		White		All Other Races		All Races		White		All Other Races		All Races		White		All Other Races	
	No.	Ratio	No.	Ratio	No.	Ratio	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Recorded																		
1971 . . .	1,092	14.6	727	12.4	357	22.0	1,615	21.5	1,145	19.5	470	28.9	1,211	16.2	871	14.8	340	20.9
1972 . . .	981	14.1	665	12.3	314	20.5	1,536	22.1	1,033	19.1	503	32.8	1,140	16.4	773	14.3	367	23.9
1973 . . .	962	14.2	669	12.8	292	19.1	1,476	21.8	1,010	19.3	465	30.3	1,086	16.0	760	14.5	325	21.2
1974 . . .	932	13.7	642	12.2	286	18.9	1,253	18.5	845	16.0	408	27.0	936	13.8	635	12.0	301	19.9
1975 . . .	816	12.4	531	10.4	284	19.1	1,177	17.9	802	15.8	375	25.2	861	13.1	587	11.5	274	18.4
1976 . . .	814	12.4	551	10.8	263	17.9	1,136	17.3	759	14.9	377	25.6	825	12.6	557	10.9	268	18.2
1977 . . .	860	12.3	607	11.2	252	16.2	1,183	16.9	803	14.8	380	24.4	842	12.0	574	10.5	268	17.2
1978 . . .	755	10.8	504	9.4	251	15.4	1,126	16.0	763	14.2	363	22.2	816	11.6	546	10.1	270	16.5
1979 . . .	691	9.6	467	8.5	217	12.8	1,091	15.1	719	13.0	372	21.9	746	10.3	491	8.9	255	15.0
1980 . . .	650	8.9	418	7.5	232	13.6	1,075	14.8	715	12.8	360	21.0	743	10.2	496	8.9	247	14.4
1981 . . .	639	9.0	423	7.8	215	13.0	970	13.7	599	11.1	371	22.4	692	9.8	411	7.6	281	17.0
1982 . . .	581	8.2	396	7.2	184	11.3	938	13.2	615	11.2	323	19.8	646	9.1	422	7.7	224	13.7
1983 . . .	552	7.9	387	7.2	165	10.1	953	13.6	617	11.5	336	20.6	631	9.0	410	7.6	221	13.6
1984 . . .	532	7.6	383	7.2	149	9.2	897	12.9	563	10.5	334	20.7	609	8.7	377	7.0	232	14.4
1985 . . .	544	7.6	365	6.7	178	10.5	879	12.3	526	9.6	353	20.8	603	8.4	341	6.2	262	15.5
1986 . . .	512	7.2	329	6.1	181	10.7	823	11.6	510	9.5	313	18.5	530	7.5	339	6.3	191	11.3
1987 . . .	498	6.9	329	6.0	169	9.6	892	12.3	551	10.0	341	19.4	585	8.0	357	6.5	228	13.0
1988 . . .	508	6.7	301	5.3	207	11.0	861	11.4	501	8.8	360	19.2	533	7.1	309	5.4	224	12.0
1989 . . .	464	6.0	315	5.4	148	7.5	890	11.5	523	9.0	367	18.7	570	7.3	328	5.7	242	12.3
1990 . . .	485	6.1	307	5.2	177	8.9	878	11.1	519	8.8	359	18.0	570	7.2	333	5.6	237	11.9
Resident																		
1971 . . .	1,019	14.3	698	12.4	314	20.8	1,469	20.6	1,054	18.8	415	27.4	1,092	15.3	791	14.1	301	19.9
1972 . . .	902	13.7	632	12.2	268	18.9	1,384	21.0	925	17.9	459	32.3	1,021	15.5	687	13.3	334	23.5
1973 . . .	910	14.2	641	12.8	268	18.9	1,303	20.3	898	17.9	404	28.5	956	14.9	670	13.4	285	20.1
1974 . . .	887	13.8	618	12.3	265	19.0	1,110	17.3	756	15.1	354	25.4	828	12.9	570	11.4	258	18.5
1975 . . .	759	12.2	503	10.4	254	18.4	1,004	16.1	672	13.9	332	24.0	729	11.7	485	10.0	244	17.7
1976 . . .	756	12.1	515	10.6	241	17.5	1,007	16.1	674	13.8	333	24.2	724	11.6	491	10.1	233	16.9
1977 . . .	792	11.9	561	10.8	230	15.8	1,022	15.3	691	13.3	331	22.8	719	10.8	487	9.3	232	16.0
1978 . . .	695	10.5	463	9.0	232	15.2	981	14.8	664	13.0	317	20.8	691	10.4	461	9.0	230	15.1
1979 . . .	632	9.2	428	8.2	196	12.2	925	13.5	600	11.5	325	20.3	620	9.1	397	7.6	223	13.9
1980 . . .	600	8.7	390	7.4	210	13.0	929	13.4	625	11.8	304	18.8	626	9.1	424	8.0	202	12.5
1981 . . .	585	8.7	388	7.5	196	12.6	846	12.6	522	10.1	324	20.8	593	8.8	356	6.9	237	15.2
1982 . . .	523	7.8	358	6.9	164	10.7	804	12.0	519	10.0	285	18.6	532	7.9	339	6.6	193	12.6
1983 . . .	498	7.6	352	7.0	146	9.7	833	12.7	537	10.6	296	19.7	545	8.3	352	7.0	193	12.9
1984 . . .	486	7.5	350	7.0	136	9.1	768	11.8	491	9.8	277	18.5	516	7.9	319	6.4	197	13.2
1985 . . .	492	7.4	337	6.6	154	9.8	757	11.3	451	8.8	306	19.4	501	7.5	277	5.4	224	14.2
1986 . . .	466	7.0	296	5.9	167	10.6	726	11.0	437	8.7	289	18.3	456	6.9	281	5.6	175	11.1
1987 . . .	454	6.7	299	5.8	155	9.4	792	11.7	473	9.2	319	19.3	515	7.6	302	5.9	213	12.9
1988 . . .	472	6.7	273	5.1	199	11.3	762	10.8	438	8.3	324	18.4	458	6.5	258	4.9	200	11.3
1989 . . .	421	5.8	288	5.3	132	7.1	789	10.8	459	8.4	330	17.7	500	6.8	279	5.1	221	11.9
1990 . . .	442	5.9	283	5.1	158	8.3	770	10.3	449	8.0	321	16.9	490	6.5	282	5.0	208	11.0

Totals of events may include items with race not stated.

TABLE II-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1971-1990

Year	Total Deaths#													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	37,783	9.4	30,671	9.1	17,427	10.6	13,242	7.6	7,112	11.2	3,898	13.1	3,214	9.5
1972 . . .	39,345	9.6	32,039	9.3	18,226	10.9	13,812	7.8	7,306	11.3	4,183	13.8	3,122	9.1
1973 . . .	39,724	9.6	32,319	9.3	18,350	10.8	13,967	7.8	7,394	11.4	4,062	13.4	3,331	9.7
1974 . . .	39,376	9.4	32,214	9.1	18,187	10.6	14,027	7.7	7,158	11.0	3,881	12.7	3,276	9.4
1975 . . .	38,522	9.0	31,504	8.7	17,752	10.1	13,752	7.4	7,013	10.7	3,813	12.4	3,200	9.1
1976 . . .	38,938	9.0	32,086	8.7	18,161	10.2	13,922	7.4	6,847	10.4	3,769	12.2	3,078	8.7
1977 . . .	39,080	8.9	32,110	8.6	18,209	10.0	13,901	7.2	6,970	10.5	3,827	12.4	3,143	8.9
1978 . . .	38,654	8.7	31,964	8.4	17,939	9.8	14,024	7.2	6,690	10.0	3,652	11.8	3,038	8.5
1979 . . .	38,712	8.5	31,837	8.2	17,816	9.5	14,021	7.0	6,875	10.2	3,862	12.3	3,013	8.4
1980 . . .	40,713	8.9	33,416	8.7	18,494	9.9	14,921	7.6	7,291	9.6	3,941	11.1	3,350	8.3
1981 . . .	40,480	8.8	33,533	8.7	18,523	9.9	15,010	7.6	6,941	9.1	3,794	10.7	3,147	7.8
1982 . . .	40,260	8.7	33,328	8.6	18,200	9.7	15,037	7.5	7,021	9.2	3,791	10.6	3,230	8.0
1983 . . .	41,604	8.9	34,438	8.8	18,560	9.8	15,878	7.9	7,161	9.3	3,784	10.6	3,377	8.3
1984 . . .	42,221	9.0	35,031	8.9	19,064	10.0	15,966	7.9	7,183	9.3	3,827	10.6	3,356	8.2
1985 . . .	43,176	9.2	35,729	9.1	19,131	10.0	16,597	8.2	7,444	9.6	3,972	11.0	3,472	8.4
1986 . . .	44,237	9.3	36,674	9.3	19,503	10.2	17,169	8.4	7,561	9.6	4,067	11.1	3,494	8.3
1987 . . .	44,884	9.4	37,307	9.4	19,790	10.3	17,517	8.5	7,572	9.5	4,034	10.9	3,538	8.3
1988 . . .	45,728	9.5	38,157	9.5	20,078	10.3	18,079	8.8	7,567	9.4	3,981	10.6	3,586	8.3
1989 . . .	45,362	9.4	37,575	9.3	19,849	10.2	17,726	8.5	7,782	9.5	4,139	10.8	3,642	8.3
1990 . . .	46,204	9.5	38,348	9.5	20,219	10.3	18,129	8.7	7,856	9.5	4,124	10.7	3,732	8.4

Year	Malignant Neoplasms, All Sites													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	6,070	151.4	5,029	149.1	2,759	168.3	2,270	130.9	1,041	163.5	593	198.6	448	132.5
1972 . . .	6,266	153.3	5,186	150.6	2,848	170.3	2,338	132.1	1,080	167.4	623	206.3	457	133.2
1973 . . .	6,501	157.1	5,311	152.1	2,986	176.0	2,325	129.5	1,186	183.4	687	227.2	499	145.0
1974 . . .	6,718	159.9	5,518	155.5	3,057	177.4	2,461	134.9	1,198	183.4	703	230.3	495	142.2
1975 . . .	6,869	161.2	5,660	157.1	3,127	178.7	2,533	136.6	1,209	183.9	683	222.8	526	150.0
1976 . . .	7,198	166.3	5,922	161.4	3,334	187.3	2,588	137.1	1,276	193.2	740	240.5	536	152.0
1977 . . .	7,507	170.5	6,209	166.1	3,529	194.6	2,680	139.2	1,298	195.4	754	243.9	544	153.3
1978 . . .	7,492	167.9	6,233	164.3	3,511	190.9	2,722	139.2	1,259	188.6	761	245.1	498	139.5
1979 . . .	7,792	171.9	6,456	167.3	3,643	194.8	2,813	141.4	1,336	198.3	798	254.9	538	149.1
1980 . . .	8,304	180.9	6,868	179.1	3,909	209.9	2,959	150.0	1,436	190.0	788	222.5	648	161.4
1981 . . .	8,355	181.1	6,930	179.8	3,903	208.6	3,027	152.6	1,425	187.6	856	240.7	569	140.9
1982 . . .	8,660	186.7	7,135	184.1	4,070	216.4	3,065	153.7	1,525	199.8	877	245.6	648	159.6
1983 . . .	8,768	188.1	7,272	186.7	4,018	212.7	3,254	162.3	1,496	195.1	841	234.5	655	160.4
1984 . . .	9,127	194.8	7,604	194.3	4,294	226.2	3,310	164.2	1,523	197.6	889	246.9	634	154.4
1985 . . .	9,220	195.8	7,724	196.3	4,270	223.9	3,454	170.4	1,496	193.2	840	232.3	656	158.9
1986 . . .	9,549	201.4	7,941	200.7	4,447	231.8	3,494	171.4	1,608	204.7	903	246.3	705	168.3
1987 . . .	10,004	209.5	8,316	209.0	4,582	237.5	3,734	182.1	1,688	212.0	937	252.2	751	176.8
1988 . . .	9,894	205.7	8,347	208.5	4,640	239.1	3,707	179.8	1,547	191.6	891	236.6	656	152.3
1989 . . .	10,181	210.2	8,499	211.1	4,659	238.8	3,840	185.2	1,682	205.6	960	251.6	722	165.3
1990 . . .	10,504	215.4	8,793	217.2	4,837	246.5	3,956	189.7	1,711	206.4	956	247.3	755	170.6

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.
For more detailed information see page 101 of this Bulletin.
Totals may include one or more deaths with race and/or sex not stated.
#Rate per 1,000 population.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1971-1990

Year	Malignant Neoplasms of Digestive Organs and Peritoneum													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	1,643	41.0	1,325	39.3	674	41.1	651	37.6	318	49.9	195	65.3	123	36.4
1972 . . .	1,562	38.2	1,287	37.4	638	38.1	649	36.7	275	42.6	152	50.3	123	35.9
1973 . . .	1,626	39.3	1,278	36.6	679	40.0	599	33.4	347	53.7	197	65.2	150	43.6
1974 . . .	1,630	38.8	1,314	37.0	658	38.2	656	35.9	316	48.4	179	58.7	137	39.3
1975 . . .	1,717	40.3	1,383	38.4	731	41.8	652	35.2	334	50.8	192	62.6	142	40.5
1976 . . .	1,785	41.2	1,447	39.4	738	41.5	709	37.5	338	51.2	183	59.5	155	44.0
1977 . . .	1,845	41.9	1,500	40.1	777	42.9	723	37.6	345	51.9	186	60.2	159	44.8
1978 . . .	1,763	39.5	1,418	37.4	683	37.1	735	37.6	345	51.7	194	62.5	151	42.3
1979 . . .	1,925	42.5	1,557	40.3	785	42.0	772	38.8	368	54.6	214	68.4	154	42.7
1980 . . .	2,041	44.5	1,640	42.8	870	46.7	770	39.0	401	53.1	228	64.4	173	43.1
1981 . . .	2,008	43.5	1,613	41.8	850	45.4	763	38.5	395	52.0	218	61.3	177	43.8
1982 . . .	2,093	45.1	1,657	42.8	882	46.9	775	38.9	436	57.1	249	69.7	187	46.1
1983 . . .	2,048	43.9	1,642	42.2	828	43.8	814	40.6	406	52.9	212	59.1	194	47.5
1984 . . .	2,125	45.4	1,688	43.1	904	47.6	784	38.9	437	56.7	235	65.3	202	49.2
1985 . . .	2,125	45.1	1,720	43.7	883	46.3	837	41.3	405	52.3	209	57.8	196	47.5
1986 . . .	2,202	46.4	1,780	45.0	918	47.9	862	42.3	422	53.7	236	64.4	186	44.4
1987 . . .	2,298	48.1	1,841	46.3	942	48.8	899	43.8	457	57.4	226	60.8	231	54.4
1988 . . .	2,182	45.4	1,795	44.8	944	48.6	851	41.3	387	47.9	194	51.5	193	44.8
1989 . . .	2,345	48.4	1,911	47.5	959	49.1	952	45.9	434	53.0	235	61.6	199	45.6
1990 . . .	2,371	48.6	1,912	47.2	984	50.1	928	44.5	459	55.4	234	60.5	225	50.8

Year	Malignant Neoplasms of Respiratory and Intrathoracic Organs													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	1,349	33.6	1,172	34.7	982	59.9	190	11.0	177	27.8	147	49.2	30	8.9
1972 . . .	1,459	35.7	1,223	35.5	1,023	61.2	200	11.3	236	36.6	197	65.2	39	11.4
1973 . . .	1,564	37.8	1,317	37.7	1,107	65.3	210	11.7	247	38.2	198	65.5	49	14.2
1974 . . .	1,691	40.3	1,436	40.5	1,206	70.0	230	12.6	254	38.9	214	70.1	40	11.5
1975 . . .	1,675	39.3	1,422	39.5	1,150	65.7	272	14.7	253	38.5	202	65.9	51	14.5
1976 . . .	1,894	43.8	1,599	43.6	1,307	73.4	292	15.5	295	44.7	233	75.7	62	17.6
1977 . . .	2,041	46.4	1,723	46.1	1,361	75.1	362	18.8	318	47.9	261	84.4	57	16.1
1978 . . .	2,077	46.6	1,798	47.4	1,460	79.4	338	17.3	279	41.8	231	74.4	48	13.4
1979 . . .	2,204	48.6	1,859	48.2	1,464	78.3	395	19.9	345	51.2	281	89.8	64	17.7
1980 . . .	2,363	51.5	2,034	53.0	1,569	84.2	465	23.6	329	43.5	240	67.8	89	22.2
1981 . . .	2,404	52.1	2,034	52.8	1,558	83.3	476	24.0	370	48.7	294	82.7	76	18.8
1982 . . .	2,632	56.7	2,250	58.1	1,745	92.8	505	25.3	382	50.1	294	82.3	88	21.7
1983 . . .	2,662	57.1	2,282	58.6	1,715	90.8	567	28.3	380	49.5	281	78.4	99	24.2
1984 . . .	2,717	58.0	2,351	60.1	1,763	92.9	588	29.2	366	47.5	281	78.0	85	20.7
1985 . . .	2,837	60.3	2,455	62.4	1,799	94.3	656	32.4	382	49.3	280	77.4	102	24.7
1986 . . .	3,011	63.5	2,571	65.0	1,898	98.9	673	33.0	440	56.0	337	91.9	103	24.6
1987 . . .	3,214	67.3	2,747	69.0	2,004	103.9	743	36.2	467	58.6	354	95.3	113	26.6
1988 . . .	3,179	66.1	2,742	68.5	1,976	101.8	766	37.1	437	54.1	334	88.7	103	23.9
1989 . . .	3,283	67.8	2,785	69.2	1,950	99.9	835	40.3	498	60.9	359	94.1	139	31.8
1990 . . .	3,487	71.5	2,971	73.4	2,084	106.2	887	42.5	516	62.2	374	96.8	142	32.1

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.
For more detailed information see page 101 of this Bulletin.
Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1971-1990

Year	Malignant Neoplasms of Breast													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	523	13.0	435	12.9	2	0.1	433	25.0	88	13.8	-	-	88	26.0
1972 . . .	541	13.2	445	12.9	1	0.1	444	25.1	96	14.9	1	0.3	95	27.7
1973 . . .	529	12.8	453	13.0	2	0.1	451	25.1	76	11.8	1	0.3	75	21.8
1974 . . .	582	13.9	485	13.7	5	0.3	480	26.3	97	14.8	2	0.7	95	27.3
1975 . . .	556	13.0	473	13.1	5	0.3	468	25.2	83	12.6	3	1.0	80	22.8
1976 . . .	563	13.0	473	12.9	-	-	473	25.0	90	13.6	4	1.3	86	24.4
1977 . . .	580	13.2	490	13.1	6	0.3	484	25.1	90	13.6	1	0.3	89	25.1
1978 . . .	602	13.5	504	13.3	7	0.4	497	25.4	98	14.7	1	0.3	97	27.2
1979 . . .	575	12.7	475	12.3	3	0.2	472	23.7	100	14.8	-	-	100	27.7
1980 . . .	570	12.4	469	12.2	4	0.2	465	23.6	101	13.4	1	0.3	100	24.9
1981 . . .	660	14.3	555	14.4	4	0.2	551	27.8	105	13.8	2	0.6	103	25.5
1982 . . .	673	14.5	558	14.4	2	0.1	556	27.9	115	15.1	-	-	115	28.3
1983 . . .	663	14.2	556	14.3	3	0.2	553	27.6	107	14.0	3	0.8	104	25.5
1984 . . .	713	15.2	598	15.3	2	0.1	596	29.6	115	14.9	-	-	115	28.0
1985 . . .	723	15.4	624	15.9	5	0.3	619	30.5	99	12.8	-	-	99	24.0
1986 . . .	714	15.1	591	14.9	3	0.2	588	28.8	123	15.7	-	-	123	29.4
1987 . . .	834	17.5	688	17.3	6	0.3	682	33.3	146	18.3	1	0.3	145	34.1
1988 . . .	812	16.9	680	17.0	6	0.3	674	32.7	132	16.4	1	0.3	131	30.4
1989 . . .	778	16.1	639	15.9	7	0.4	632	30.5	139	17.0	-	-	139	31.8
1990 . . .	837	17.2	705	17.4	5	0.3	700	33.6	132	15.9	1	0.3	131	29.6

Year	Malignant Neoplasms of Genital Organs													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	836	20.8	645	19.1	282	17.2	363	20.9	191	30.0	93	31.1	98	29.0
1972 . . .	855	20.9	658	19.1	279	16.7	379	21.4	197	30.5	101	33.4	96	28.0
1973 . . .	866	20.9	653	18.7	269	15.9	384	21.4	213	32.9	108	35.7	105	30.5
1974 . . .	882	21.0	674	19.0	288	16.7	386	21.2	208	31.8	119	39.0	89	25.6
1975 . . .	865	20.3	664	18.4	304	17.4	360	19.4	201	30.6	104	33.9	97	27.7
1976 . . .	852	19.7	656	17.9	291	16.3	365	19.3	196	29.7	116	37.7	80	22.7
1977 . . .	922	20.9	712	19.0	331	18.3	381	19.8	210	31.6	118	38.2	92	25.9
1978 . . .	872	19.5	676	17.8	315	17.1	361	18.5	196	29.4	120	38.7	76	21.3
1979 . . .	912	20.1	709	18.4	320	17.1	389	19.6	203	30.1	114	36.4	89	24.7
1980 . . .	1,006	21.9	771	20.1	360	19.3	411	20.8	235	31.1	117	33.0	118	29.4
1981 . . .	954	20.7	745	19.3	368	19.7	377	19.0	209	27.5	141	39.6	68	16.8
1982 . . .	947	20.4	699	18.0	350	18.6	349	17.5	248	32.5	145	40.6	103	25.4
1983 . . .	1,030	22.1	785	20.2	391	20.7	394	19.6	245	31.9	142	39.6	103	25.2
1984 . . .	1,047	22.3	810	20.7	410	21.6	400	19.8	237	30.8	144	40.0	93	22.7
1985 . . .	982	20.9	759	19.3	384	20.1	375	18.5	223	28.8	138	38.2	85	20.6
1986 . . .	1,012	21.3	755	19.1	397	20.7	358	17.6	257	32.7	145	39.6	112	26.7
1987 . . .	1,064	22.3	821	20.6	416	21.6	405	19.8	243	30.5	143	38.5	100	23.5
1988 . . .	1,150	23.9	926	23.1	476	24.5	450	21.8	224	27.7	152	40.4	72	16.7
1989 . . .	1,125	23.2	876	21.8	475	24.3	401	19.3	249	30.4	168	44.0	81	18.5
1990 . . .	1,127	23.1	884	21.8	480	24.5	404	19.4	243	29.3	154	39.8	89	20.1

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.
For more detailed information see page 101 of this Bulletin.
Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1971-1990

Year	Diabetes Mellitus													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	675	16.8	498	14.8	205	12.5	293	16.9	177	27.8	69	23.1	108	31.9
1972 . . .	651	15.9	497	14.4	224	13.4	273	15.4	154	23.9	52	17.2	102	29.7
1973 . . .	610	14.7	454	13.0	196	11.6	258	14.4	156	24.1	53	17.5	103	29.9
1974 . . .	629	15.0	454	12.8	154	8.9	300	16.4	175	26.8	61	20.0	114	32.7
1975 . . .	612	14.4	446	12.4	200	11.4	246	13.3	166	25.3	53	17.3	113	32.2
1976 . . .	548	12.7	397	10.8	147	8.3	250	13.2	151	22.9	55	17.9	96	27.2
1977 . . .	565	12.8	432	11.6	160	8.8	272	14.1	133	20.0	48	15.5	85	23.9
1978 . . .	525	11.8	385	10.1	168	9.1	217	11.1	140	21.0	49	15.8	91	25.5
1979 . . .	552	12.2	406	10.5	169	9.0	237	11.9	146	21.7	47	15.0	99	27.4
1980 . . .	514	11.2	375	9.8	138	7.4	237	12.0	139	18.4	61	17.2	78	19.4
1981 . . .	609	13.2	454	11.8	174	9.3	280	14.1	155	20.4	52	14.6	103	25.5
1982 . . .	557	12.0	442	11.4	156	8.3	286	14.3	115	15.1	45	12.6	70	17.2
1983 . . .	646	13.9	476	12.2	179	9.5	297	14.8	170	22.2	59	16.5	111	27.2
1984 . . .	627	13.4	480	12.3	186	9.8	294	14.6	147	19.1	50	13.9	97	23.6
1985 . . .	597	12.7	425	10.8	164	8.6	261	12.9	172	22.2	58	16.0	114	27.6
1986 . . .	672	14.2	506	12.8	204	10.6	302	14.8	166	21.1	48	13.1	118	28.2
1987 . . .	701	14.7	546	13.7	226	11.7	320	15.6	155	19.5	52	14.0	103	24.3
1988 . . .	725	15.1	558	13.9	218	11.2	340	16.5	167	20.7	53	14.1	114	26.5
1989 . . .	915	18.9	679	16.9	258	13.2	421	20.3	235	28.7	88	23.1	147	33.7
1990 . . .	914	18.7	723	17.9	313	15.9	410	19.7	191	23.0	62	16.0	129	29.1

Year	Diseases of Heart													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	14,528	362.3	11,984	355.3	6,938	423.1	5,046	291.1	2,544	399.5	1,351	452.4	1,193	352.8
1972 . . .	14,946	365.6	12,491	362.8	7,301	436.5	5,190	293.2	2,455	380.6	1,376	455.6	1,079	314.5
1973 . . .	15,011	362.7	12,482	357.5	7,276	428.9	5,205	289.9	2,527	390.9	1,298	429.3	1,229	357.1
1974 . . .	14,738	350.8	12,303	346.8	7,114	412.9	5,189	284.4	2,435	372.7	1,260	412.9	1,175	337.5
1975 . . .	14,303	335.7	11,976	332.3	6,967	398.2	5,009	270.1	2,324	353.6	1,191	388.5	1,133	323.1
1976 . . .	14,580	336.8	12,276	334.6	7,022	394.4	5,253	278.2	2,301	348.5	1,201	390.3	1,100	312.0
1977 . . .	14,497	329.3	12,098	323.7	6,943	382.9	5,155	267.8	2,399	361.2	1,236	399.7	1,163	327.6
1978 . . .	14,176	317.7	11,956	315.1	6,702	364.3	5,254	268.8	2,220	332.6	1,127	363.0	1,093	306.1
1979 . . .	14,115	311.4	11,831	306.5	6,734	360.0	5,097	256.2	2,284	338.9	1,213	387.5	1,071	296.8
1980 . . .	14,872	323.9	12,419	323.8	6,833	366.9	5,586	283.1	2,450	324.2	1,214	342.8	1,236	307.8
1981 . . .	14,894	322.8	12,547	325.5	6,915	369.5	5,632	283.9	2,345	308.8	1,234	347.0	1,111	275.1
1982 . . .	14,843	320.0	12,451	321.3	6,674	354.9	5,777	289.6	2,392	313.4	1,231	344.7	1,161	285.9
1983 . . .	15,206	326.2	12,797	328.6	6,840	362.0	5,957	297.1	2,406	313.7	1,198	334.1	1,208	295.8
1984 . . .	15,361	327.9	12,846	328.2	6,849	360.8	5,996	297.4	2,514	326.2	1,264	351.0	1,250	304.4
1985 . . .	15,740	334.3	13,167	334.7	6,949	364.3	6,218	306.8	2,572	332.1	1,294	357.9	1,278	309.6
1986 . . .	15,722	331.5	13,127	331.8	6,740	351.3	6,387	313.3	2,595	330.4	1,308	356.8	1,287	307.3
1987 . . .	15,779	330.4	13,278	333.6	6,839	354.5	6,439	314.0	2,500	314.0	1,217	327.6	1,283	302.1
1988 . . .	16,010	332.9	13,512	337.6	6,983	359.9	6,529	316.6	2,496	309.2	1,188	315.5	1,308	303.7
1989 . . .	15,364	317.2	12,936	321.4	6,738	345.3	6,198	298.9	2,428	296.8	1,157	303.3	1,271	291.1
1990 . . .	15,415	316.1	13,030	321.9	6,827	347.9	6,203	297.4	2,385	287.7	1,128	291.9	1,257	284.0

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.
For more detailed information see page 101 of this Bulletin.
Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1971-1990

Year	Ischemic Heart Disease													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	13,294	331.5	11,004	326.2	6,467	394.4	4,537	261.7	2,290	359.6	1,221	408.9	1,069	316.1
1972 . . .	13,683	334.7	11,487	333.7	6,817	407.5	4,670	263.9	2,196	340.4	1,225	405.6	971	283.1
1973 . . .	13,789	333.2	11,553	330.9	6,815	401.7	4,737	263.8	2,234	345.6	1,142	377.7	1,092	317.3
1974 . . .	13,416	319.3	11,265	317.5	6,597	382.9	4,668	255.8	2,151	329.2	1,104	361.7	1,047	300.7
1975 . . .	12,928	303.4	10,905	302.6	6,426	367.3	4,479	241.6	2,020	307.3	1,045	340.9	975	278.0
1976 . . .	13,116	303.0	11,127	303.3	6,466	363.2	4,661	246.8	1,986	300.8	1,038	337.3	948	268.9
1977 . . .	13,011	295.6	10,919	292.1	6,352	350.3	4,567	237.3	2,092	315.0	1,087	351.5	1,005	283.1
1978 . . .	12,621	282.9	10,697	281.9	6,057	329.3	4,640	237.4	1,924	288.2	981	316.0	943	264.1
1979 . . .	10,729	236.7	9,441	244.6	5,607	299.8	3,834	192.7	1,288	191.1	693	221.4	595	164.9
1980 . . .	11,089	241.5	9,780	255.0	5,597	300.5	4,183	212.0	1,307	173.0	640	180.7	667	166.1
1981 . . .	11,139	241.4	9,778	253.6	5,602	299.3	4,176	210.5	1,359	179.0	738	207.5	621	153.8
1982 . . .	10,988	236.9	9,636	248.7	5,372	285.7	4,264	213.8	1,352	177.2	729	204.1	623	153.4
1983 . . .	11,184	239.9	9,809	251.9	5,463	289.1	4,346	216.7	1,372	178.9	692	193.0	680	166.5
1984 . . .	10,679	227.9	9,394	240.0	5,203	274.1	4,190	207.8	1,284	166.6	661	183.6	623	151.7
1985 . . .	10,649	226.2	9,288	236.1	5,107	267.8	4,181	206.3	1,360	175.6	666	184.2	694	168.1
1986 . . .	10,331	217.9	9,160	231.5	4,920	256.5	4,240	208.0	1,171	149.1	572	156.0	599	143.0
1987 . . .	10,356	216.8	9,161	230.2	4,903	254.1	4,258	207.7	1,195	150.1	564	151.8	631	148.6
1988 . . .	10,500	218.3	9,328	233.1	5,082	261.9	4,246	205.9	1,170	144.9	578	153.5	592	137.4
1989 . . .	10,246	211.5	9,082	225.6	4,959	254.1	4,123	198.8	1,164	142.3	547	143.4	617	141.3
1990 . . .	10,616	217.7	9,403	232.3	5,152	262.5	4,251	203.8	1,213	146.3	583	150.8	630	142.3

Year	Cerebrovascular Disease													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	4,997	124.6	3,963	117.5	1,809	110.3	2,154	124.3	1,034	162.4	514	172.1	520	153.8
1972 . . .	5,215	127.6	4,168	121.1	1,898	113.5	2,270	128.3	1,047	162.3	507	167.9	540	157.4
1973 . . .	5,339	129.0	4,267	122.2	1,835	108.2	2,432	135.5	1,071	165.7	510	168.7	561	163.0
1974 . . .	5,204	123.9	4,204	118.5	1,837	106.6	2,367	129.7	1,000	153.1	431	141.2	569	163.4
1975 . . .	4,902	115.0	3,929	109.0	1,687	96.4	2,242	120.9	973	148.0	464	151.3	509	145.2
1976 . . .	4,862	112.3	3,938	107.3	1,756	98.6	2,180	115.4	924	139.9	441	143.3	483	137.0
1977 . . .	4,561	103.6	3,694	98.8	1,573	86.8	2,121	110.2	867	130.5	373	120.6	494	139.2
1978 . . .	4,283	96.0	3,480	91.7	1,477	80.3	2,003	102.5	803	120.3	381	122.7	422	118.2
1979 . . .	4,213	92.9	3,389	87.8	1,424	76.1	1,965	98.8	824	122.3	414	132.3	410	113.6
1980 . . .	4,310	93.9	3,534	92.1	1,508	81.0	2,026	102.7	776	102.7	360	101.7	416	103.6
1981 . . .	4,088	88.6	3,320	86.1	1,373	73.4	1,947	98.1	768	101.1	322	90.5	446	110.4
1982 . . .	3,966	85.5	3,203	82.7	1,333	70.9	1,870	93.8	763	100.0	334	93.5	429	105.7
1983 . . .	4,138	88.8	3,344	85.9	1,375	72.8	1,969	98.2	794	103.5	358	99.8	436	106.8
1984 . . .	3,902	83.3	3,153	80.6	1,319	69.5	1,834	91.0	749	97.2	310	86.1	439	106.9
1985 . . .	3,601	76.5	2,922	74.3	1,170	61.3	1,751	86.4	679	87.7	299	82.7	380	92.1
1986 . . .	3,630	76.5	3,013	76.1	1,186	61.8	1,827	89.6	617	78.6	272	74.2	345	82.4
1987 . . .	3,791	79.4	3,171	79.7	1,300	67.4	1,871	91.3	619	77.7	273	73.5	346	81.5
1988 . . .	3,761	78.2	3,072	76.8	1,204	62.0	1,868	90.6	689	85.4	288	76.5	401	93.1
1989 . . .	3,598	74.3	2,927	72.7	1,187	60.8	1,740	83.9	671	82.0	308	80.7	363	83.1
1990 . . .	3,622	74.3	2,976	73.5	1,176	59.9	1,800	86.3	646	77.9	269	69.6	377	85.2

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For more detailed information see page 101 of this Bulletin.
Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1971-1990

Year	Atherosclerosis													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	558	13.9	486	14.4	194	11.8	292	16.8	72	11.3	28	9.4	44	13.0
1972 . . .	617	15.1	529	15.4	218	13.0	311	17.6	88	13.6	44	14.6	44	12.8
1973 . . .	641	15.5	544	15.6	225	13.3	319	17.8	97	15.0	47	15.5	50	14.5
1974 . . .	669	15.9	571	16.1	224	13.0	347	19.0	98	15.0	44	14.4	54	15.5
1975 . . .	622	14.6	532	14.8	201	11.5	331	17.9	90	13.7	46	15.0	44	12.5
1976 . . .	570	13.2	496	13.5	209	11.7	287	15.2	74	11.2	33	10.7	41	11.6
1977 . . .	582	13.2	514	13.8	210	11.6	304	15.8	68	10.2	35	11.3	33	9.3
1978 . . .	615	13.8	520	13.7	190	10.3	330	16.9	95	14.2	32	10.3	63	17.6
1979 . . .	642	14.2	554	14.4	205	11.0	349	17.5	88	13.1	38	12.1	50	13.9
1980 . . .	570	12.4	482	12.6	193	10.4	289	14.6	88	11.6	37	10.4	51	12.7
1981 . . .	620	13.4	522	13.5	215	11.5	307	15.5	98	12.9	38	10.7	60	14.9
1982 . . .	552	11.9	467	12.1	197	10.5	270	13.5	85	11.1	48	13.4	37	9.1
1983 . . .	495	10.6	422	10.8	165	8.7	257	12.8	73	9.5	26	7.3	47	11.5
1984 . . .	475	10.1	419	10.7	154	8.1	265	13.1	56	7.3	23	6.4	33	8.0
1985 . . .	429	9.1	375	9.5	154	8.1	221	10.9	54	7.0	21	5.8	33	8.0
1986 . . .	411	8.7	351	8.9	119	6.2	232	11.4	60	7.6	30	8.2	30	7.2
1987 . . .	347	7.3	304	7.6	119	6.2	185	9.0	43	5.4	21	5.7	22	5.2
1988 . . .	416	8.6	367	9.2	147	7.6	220	10.7	49	6.1	23	6.1	26	6.0
1989 . . .	419	8.7	371	9.2	129	6.6	242	11.7	48	5.9	17	4.5	31	7.1
1990 . . .	405	8.3	364	9.0	142	7.2	222	10.6	41	4.9	19	4.9	22	5.0

Year	Pneumonia and Influenza													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	1,193	29.8	962	28.5	528	32.2	434	25.0	231	36.3	124	41.5	107	31.6
1972 . . .	1,264	30.9	1,059	30.8	572	34.2	487	27.5	205	31.8	124	41.1	81	23.6
1973 . . .	1,197	28.9	1,009	28.9	540	31.8	469	26.1	188	29.1	113	37.4	75	21.8
1974 . . .	1,024	24.4	885	24.9	463	26.9	422	23.1	139	21.3	81	26.5	58	16.7
1975 . . .	1,101	25.8	930	25.8	501	28.6	429	23.1	171	26.0	95	31.0	76	21.7
1976 . . .	1,240	28.6	1,050	28.6	549	30.8	501	26.5	190	28.8	111	36.1	79	22.4
1977 . . .	1,070	24.3	929	24.9	525	29.0	404	21.0	141	21.2	88	28.5	53	14.9
1978 . . .	1,159	26.0	998	26.3	502	27.3	496	25.4	161	24.1	90	29.0	71	19.9
1979 . . .	908	20.0	796	20.6	397	21.2	399	20.1	112	16.6	70	22.4	42	11.6
1980 . . .	1,037	22.6	876	22.8	427	22.9	449	22.8	161	21.3	95	26.8	66	16.4
1981 . . .	1,174	25.4	1,020	26.5	483	25.8	537	27.1	154	20.3	92	25.9	62	15.4
1982 . . .	973	21.0	846	21.8	428	22.8	418	21.0	127	16.6	67	18.8	60	14.8
1983 . . .	1,117	24.0	962	24.7	496	26.3	466	23.2	155	20.2	90	25.1	65	15.9
1984 . . .	1,133	24.2	997	25.5	498	26.2	499	24.8	136	17.6	76	21.1	60	14.6
1985 . . .	1,437	30.5	1,261	32.1	619	32.5	642	31.7	176	22.7	102	28.2	74	17.9
1986 . . .	1,471	31.0	1,290	32.6	651	33.9	639	31.3	181	23.0	104	28.4	77	18.4
1987 . . .	1,361	28.5	1,194	30.0	583	30.2	611	29.8	167	21.0	101	27.2	66	15.5
1988 . . .	1,621	33.7	1,404	35.1	688	35.5	716	34.7	217	26.9	112	29.7	105	24.4
1989 . . .	1,509	31.2	1,280	31.8	584	29.9	696	33.6	229	28.0	128	33.5	101	23.1
1990 . . .	1,696	34.8	1,457	36.0	698	35.6	759	36.4	239	28.8	124	32.1	115	26.0

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For more detailed information see page 101 of this Bulletin.
Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1971-1990

Year	Chronic Obstructive Pulmonary Disease and Allied Conditions													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	680	17.0	622	18.4	492	30.0	130	7.5	58	9.1	37	12.4	21	6.2
1972 . . .	836	20.5	739	21.5	567	33.9	172	9.7	97	15.0	75	24.8	22	6.4
1973 . . .	902	21.8	809	23.2	621	36.6	188	10.5	93	14.4	71	23.5	22	6.4
1974 . . .	941	22.4	850	24.0	672	39.0	178	9.8	91	13.9	59	19.3	32	9.2
1975 . . .	933	21.9	867	24.1	657	37.6	210	11.3	66	10.0	47	15.3	19	5.4
1976 . . .	997	23.0	898	24.5	673	37.8	225	11.9	99	15.0	77	25.0	22	6.2
1977 . . .	1,043	23.7	946	25.3	677	37.3	269	14.0	97	14.6	74	23.9	23	6.5
1978 . . .	1,148	25.7	1,055	27.8	778	42.3	277	14.2	93	13.9	69	22.2	24	6.7
1979 . . .	1,052	23.2	944	24.5	703	37.6	241	12.1	108	16.0	79	25.2	29	8.0
1980 . . .	1,237	26.9	1,121	29.2	805	43.2	316	16.0	116	15.4	78	22.0	38	9.5
1981 . . .	1,295	28.1	1,182	30.7	834	44.6	348	17.5	113	14.9	84	23.6	29	7.2
1982 . . .	1,266	27.3	1,164	30.0	830	44.1	334	16.7	102	13.4	68	19.0	34	8.4
1983 . . .	1,292	27.7	1,195	30.7	827	43.8	368	18.4	97	12.6	73	20.4	24	5.9
1984 . . .	1,458	31.1	1,335	34.1	915	48.2	420	20.8	123	16.0	82	22.8	41	10.0
1985 . . .	1,588	33.7	1,459	37.1	969	50.8	490	24.2	128	16.5	91	25.2	37	9.0
1986 . . .	1,681	35.4	1,547	39.1	1,028	53.6	519	25.5	134	17.1	101	27.6	33	7.9
1987 . . .	1,611	33.7	1,464	36.8	945	49.0	519	25.3	147	18.5	101	27.2	46	10.8
1988 . . .	1,750	36.4	1,606	40.1	1,014	52.3	592	28.7	144	17.8	96	25.5	48	11.1
1989 . . .	1,780	36.8	1,605	39.9	991	50.8	614	29.6	175	21.4	116	30.4	59	13.5
1990 . . .	1,876	38.5	1,687	41.7	1,018	51.9	669	32.1	189	22.8	128	33.1	61	13.8

Year	Chronic Liver Disease and Cirrhosis													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	354	8.8	300	8.9	202	12.3	98	5.7	54	8.5	33	11.1	21	6.2
1972 . . .	353	8.6	286	8.3	204	12.2	82	4.6	67	10.4	39	12.9	28	8.2
1973 . . .	449	10.8	364	10.4	245	14.4	119	6.6	85	13.1	46	15.2	39	11.3
1974 . . .	444	10.6	369	10.4	241	14.0	128	7.0	75	11.5	43	14.1	32	9.2
1975 . . .	401	9.4	321	8.9	214	12.2	107	5.8	80	12.2	50	16.3	30	8.6
1976 . . .	387	8.9	345	9.4	235	13.2	110	5.8	42	6.4	23	7.5	19	5.4
1977 . . .	407	9.2	341	9.1	221	12.2	120	6.2	66	9.9	42	13.6	24	6.8
1978 . . .	398	8.9	335	8.8	240	13.0	95	4.9	63	9.4	38	12.2	25	7.0
1979 . . .	431	9.5	342	8.9	210	11.2	132	6.6	89	13.2	47	15.0	42	11.6
1980 . . .	451	9.8	377	9.8	266	14.3	111	5.6	74	9.8	46	13.0	28	7.0
1981 . . .	404	8.8	339	8.8	221	11.8	118	5.9	65	8.6	37	10.4	28	6.9
1982 . . .	387	8.3	335	8.6	241	12.8	94	4.7	52	6.8	29	8.1	23	5.7
1983 . . .	388	8.3	331	8.5	204	10.8	127	6.3	57	7.4	36	10.0	21	5.1
1984 . . .	396	8.5	329	8.4	218	11.5	111	5.5	67	8.7	43	11.9	24	5.8
1985 . . .	382	8.1	318	8.1	207	10.9	111	5.5	64	8.3	36	10.0	28	6.8
1986 . . .	384	8.1	324	8.2	200	10.4	124	6.1	60	7.6	28	7.6	32	7.6
1987 . . .	412	8.6	350	8.8	235	12.2	115	5.6	62	7.8	39	10.5	23	5.4
1988 . . .	413	8.6	351	8.8	221	11.4	130	6.3	62	7.7	38	10.1	24	5.6
1989 . . .	425	8.8	356	8.8	243	12.5	113	5.4	69	8.4	48	12.6	21	4.8
1990 . . .	508	10.4	411	10.2	262	13.4	149	7.1	97	11.7	62	16.0	35	7.9

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.
For more detailed information see page 101 of this Bulletin.
Totals may include one or more deaths with race and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1971-1990

Year	Congenital Anomalies													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	339	8.5	284	8.4	171	10.4	113	6.5	55	8.6	24	8.0	31	9.2
1972 . . .	384	9.4	304	8.8	172	10.3	132	7.5	80	12.4	43	14.2	36	10.5
1973 . . .	325	7.9	266	7.6	134	7.9	131	7.3	59	9.1	32	10.6	27	7.8
1974 . . .	304	7.2	242	6.8	133	7.7	109	6.0	62	9.5	32	10.5	30	8.6
1975 . . .	298	7.0	244	6.8	123	7.0	121	6.5	54	8.2	32	10.4	22	6.3
1976 . . .	228	5.3	182	5.0	102	5.7	80	4.2	46	7.0	25	8.1	21	6.0
1977 . . .	281	6.4	222	5.9	123	6.8	99	5.1	59	8.9	40	12.9	19	5.4
1978 . . .	278	6.2	219	5.8	126	6.8	92	4.7	59	8.8	27	8.7	32	9.0
1979 . . .	280	6.2	231	6.0	129	6.9	102	5.1	49	7.3	29	9.3	20	5.5
1980 . . .	317	6.9	254	6.6	134	7.2	119	6.0	63	8.3	32	9.0	31	7.7
1981 . . .	262	5.7	213	5.5	109	5.8	104	5.2	49	6.5	24	6.7	25	6.2
1982 . . .	271	5.8	207	5.3	103	5.5	103	5.2	64	8.4	33	9.2	31	7.6
1983 . . .	275	5.9	225	5.8	109	5.8	116	5.8	50	6.5	29	8.1	21	5.1
1984 . . .	267	5.7	207	5.3	112	5.9	95	4.7	60	7.8	36	10.0	24	5.8
1985 . . .	244	5.2	181	4.6	98	5.1	83	4.1	63	8.1	31	8.6	32	7.8
1986 . . .	247	5.2	181	4.6	83	4.3	96	4.7	66	8.4	40	10.9	26	6.2
1987 . . .	230	4.8	165	4.1	89	4.6	76	3.7	65	8.2	34	9.2	31	7.3
1988 . . .	223	4.6	169	4.2	82	4.2	87	4.2	54	6.7	23	6.1	31	7.2
1989 . . .	231	4.8	178	4.4	94	4.8	84	4.1	53	6.5	27	7.1	26	6.0
1990 . . .	253	5.2	181	4.5	88	4.5	93	4.5	72	8.7	39	10.1	33	7.5

Year	Complications of Pregnancy, Childbirth, and the Puerperium**					
	All Races		White		All Other Races	
	Total		Female		Female	
	No.	Rate	No.	Rate	No.	Rate
1971 . . .	21	2.9	7	1.2	14	9.3
1972 . . .	16	2.4	10	1.9	6	4.2
1973 . . .	23	3.6	11	2.2	12	8.5
1974 . . .	24	3.7	17	3.4	7	5.0
1975 . . .	15	2.4	6	1.2	9	6.6
1976 . . .	7	1.1	3	0.6	4	2.9
1977 . . .	16	2.4	7	1.3	9	6.3
1978 . . .	10	1.5	4	0.8	6	4.0
1979 . . .	9	1.3	3	0.6	6	3.8
1980 . . .	13	1.9	9	1.7	4	2.5
1981 . . .	10	1.5	9	1.7	1	0.6
1982 . . .	5	0.7	2	0.4	3	2.0
1983 . . .	9	1.4	7	1.4	2	1.4
1984 . . .	6	0.9	2	0.4	4	2.7
1985 . . .	3	0.4	1	0.2	2	1.3
1986 . . .	3	0.5	3	0.6	-	-
1987 . . .	6	0.9	3	0.6	3	1.9
1988 . . .	8	1.1	3	0.6	5	2.9
1989 . . .	2	0.3	1	0.2	1	0.6
1990 . . .	6	0.8	3	0.5	3	1.6

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.
For more detailed information see page 101 of this Bulletin.
Totals may include one or more deaths with race and/or sex not stated.
**For explanation of rates by race, see Appendix A.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1971-1990

Year	Accidents and Adverse Effects													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	2,467	61.5	2,068	61.3	1,475	90.0	593	34.2	399	62.7	270	90.4	129	38.1
1972 . . .	2,602	63.7	2,153	62.5	1,546	92.4	607	34.3	449	69.6	323	106.9	126	36.7
1973 . . .	2,698	65.2	2,268	65.0	1,629	96.0	639	35.6	429	66.4	296	97.9	133	38.6
1974 . . .	2,510	59.7	2,131	60.1	1,519	88.2	612	33.5	379	58.0	250	81.9	129	37.1
1975 . . .	2,310	54.2	1,936	53.7	1,369	78.3	567	30.6	374	56.9	287	93.6	87	24.8
1976 . . .	2,262	52.3	1,956	53.3	1,406	79.0	550	29.1	306	46.3	226	73.4	80	22.7
1977 . . .	2,440	55.4	2,070	55.4	1,493	82.3	577	30.0	370	55.7	264	85.4	106	29.9
1978 . . .	2,460	55.1	2,092	55.1	1,526	83.0	566	29.0	368	55.1	268	86.3	100	28.0
1979 . . .	2,350	51.8	2,007	52.0	1,436	76.8	571	28.7	343	50.9	249	79.5	94	26.1
1980 . . .	2,453	53.4	1,996	52.0	1,416	76.0	580	29.4	455	60.2	312	88.1	143	35.6
1981 . . .	2,205	47.8	1,905	49.4	1,366	73.0	539	27.2	300	39.5	212	59.6	88	21.8
1982 . . .	2,093	45.1	1,814	46.8	1,316	70.0	498	25.0	279	36.6	213	59.6	66	16.3
1983 . . .	2,173	46.6	1,824	46.8	1,251	66.2	573	28.6	349	45.5	243	67.8	106	26.0
1984 . . .	2,144	45.8	1,826	46.6	1,261	66.4	565	28.0	318	41.3	228	63.3	90	21.9
1985 . . .	2,185	46.4	1,815	46.1	1,258	66.0	557	27.5	369	47.7	265	73.3	104	25.2
1986 . . .	2,435	51.3	2,061	52.1	1,426	74.3	635	31.2	373	47.5	257	70.1	116	27.7
1987 . . .	2,334	48.9	1,992	50.1	1,367	70.9	625	30.5	341	42.8	249	67.0	92	21.7
1988 . . .	2,435	50.6	2,061	51.5	1,399	72.1	662	32.1	373	46.2	261	69.3	112	26.0
1989 . . .	2,277	47.0	1,929	47.9	1,308	67.0	621	29.9	347	42.4	242	63.4	105	24.0
1990 . . .	2,264	46.4	1,904	47.0	1,275	65.0	629	30.2	360	43.4	255	66.0	105	23.7

Year	Motor Vehicle Accidents													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	1,337	33.3	1,177	34.9	873	53.2	304	17.5	160	25.1	113	37.8	47	13.9
1972 . . .	1,401	34.3	1,204	35.0	893	53.4	311	17.6	197	30.5	145	48.0	52	15.2
1973 . . .	1,442	34.8	1,246	35.7	930	54.8	316	17.6	196	30.3	141	46.6	55	16.0
1974 . . .	1,290	30.7	1,133	31.9	864	50.1	269	14.7	157	24.0	107	35.1	50	14.4
1975 . . .	1,142	26.8	971	26.9	707	40.4	264	14.2	171	26.0	136	44.4	35	10.0
1976 . . .	1,160	26.8	1,016	27.7	737	41.4	279	14.8	144	21.8	110	35.7	34	9.6
1977 . . .	1,245	28.3	1,082	28.9	814	44.9	268	13.9	163	24.5	130	42.0	33	9.3
1978 . . .	1,294	29.0	1,121	29.5	839	45.6	282	14.4	173	25.9	129	41.6	44	12.3
1979 . . .	1,268	28.0	1,104	28.6	811	43.4	293	14.7	164	24.3	124	39.6	40	11.1
1980 . . .	1,178	25.7	1,046	27.3	756	40.6	290	14.7	132	17.5	112	31.6	20	5.0
1981 . . .	1,132	24.5	1,008	26.1	736	39.3	272	13.7	124	16.3	94	26.4	30	7.4
1982 . . .	1,091	23.5	972	25.1	723	38.4	249	12.5	119	15.6	96	26.9	23	5.7
1983 . . .	1,076	23.1	937	24.1	660	34.9	277	13.8	139	18.1	108	30.1	31	7.6
1984 . . .	1,154	24.6	1,014	25.9	725	38.2	289	14.3	140	18.2	103	28.6	37	9.0
1985 . . .	1,135	24.1	984	25.0	695	36.4	289	14.3	151	19.5	113	31.3	38	9.2
1986 . . .	1,289	27.2	1,128	28.5	793	41.3	335	16.4	161	20.5	120	32.7	41	9.8
1987 . . .	1,298	27.2	1,136	28.5	780	40.4	356	17.4	162	20.3	122	32.8	40	9.4
1988 . . .	1,288	26.8	1,129	28.2	799	41.2	330	16.0	159	19.7	125	33.2	34	7.9
1989 . . .	1,138	23.5	996	24.7	688	35.3	308	14.9	142	17.4	107	28.0	35	8.0
1990 . . .	1,210	24.8	1,039	25.7	711	36.2	328	15.7	171	20.6	119	30.8	52	11.7

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.
For more detailed information see page 101 of this Bulletin.
Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE II (Continued)-DEATHS FROM SELECTED CAUSES WITH RATES PER 100,000 POPULATION, BY RACE AND SEX, RESIDENT DATA, TENNESSEE, 1971-1990

Year	Suicide													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	490	12.2	461	13.7	358	21.8	103	5.9	29	4.6	19	6.4	10	3.0
1972 . . .	469	11.5	440	12.8	331	19.8	109	6.2	29	4.5	20	6.6	9	2.6
1973 . . .	490	11.8	460	13.2	349	20.6	111	6.2	30	4.6	24	7.9	6	1.7
1974 . . .	544	12.9	514	14.5	390	22.6	124	6.8	30	4.6	22	7.2	8	2.3
1975 . . .	567	13.3	525	14.6	384	21.9	141	7.6	42	6.4	33	10.8	9	2.6
1976 . . .	559	12.9	515	14.0	409	23.0	106	5.6	44	6.7	39	12.7	5	1.4
1977 . . .	588	13.4	543	14.5	411	22.7	132	6.9	45	6.8	33	10.7	12	3.4
1978 . . .	548	12.3	523	13.8	389	21.1	134	6.9	25	3.7	21	6.8	4	1.1
1979 . . .	607	13.4	565	14.6	412	22.0	153	7.7	42	6.2	30	9.6	12	3.3
1980 . . .	566	12.3	523	13.6	392	21.0	131	6.6	43	5.7	34	9.6	9	2.2
1981 . . .	577	12.5	529	13.7	403	21.5	126	6.4	47	6.2	37	10.4	10	2.5
1982 . . .	589	12.7	546	14.1	424	22.5	122	6.1	43	5.6	31	8.7	12	3.0
1983 . . .	604	13.0	572	14.7	440	23.3	132	6.6	32	4.2	26	7.3	6	1.5
1984 . . .	658	14.0	619	15.8	483	25.4	136	6.7	39	5.1	32	8.9	7	1.7
1985 . . .	598	12.7	545	13.9	426	22.3	119	5.9	53	6.8	41	11.3	12	2.9
1986 . . .	642	13.5	585	14.8	457	23.8	128	6.3	57	7.3	42	11.5	15	3.6
1987 . . .	623	13.0	575	14.4	454	23.5	121	5.9	48	6.0	41	11.0	7	1.6
1988 . . .	662	13.8	603	15.1	493	25.4	110	5.3	59	7.3	46	12.2	13	3.0
1989 . . .	671	13.9	611	15.2	501	25.7	110	5.3	59	7.2	49	12.8	10	2.3
1990 . . .	654	13.4	579	14.3	459	23.4	120	5.8	75	9.0	64	16.6	11	2.5

Year	Homicide and Legal Intervention													
	All Races		White						All Other Races					
	Total		Total		Male		Female		Total		Male		Female	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1971 . . .	486	12.1	269	8.0	220	13.4	49	2.8	217	34.1	185	62.0	32	9.5
1972 . . .	549	13.4	278	8.1	219	13.1	59	3.3	271	42.0	222	73.5	49	14.3
1973 . . .	550	13.3	262	7.5	214	12.6	48	2.7	288	44.5	224	74.1	64	18.6
1974 . . .	569	13.5	290	8.2	232	13.5	58	3.2	279	42.7	232	76.0	47	13.5
1975 . . .	568	13.3	302	8.4	244	13.9	58	3.1	266	40.5	213	69.5	53	15.1
1976 . . .	492	11.4	265	7.2	209	11.7	56	3.0	227	34.4	186	60.4	41	11.6
1977 . . .	477	10.8	244	6.5	195	10.8	49	2.5	233	35.1	185	59.8	48	13.5
1978 . . .	456	10.2	241	6.4	193	10.5	48	2.5	215	32.2	181	58.3	34	9.5
1979 . . .	474	10.5	244	6.3	187	10.0	57	2.9	230	34.1	190	60.7	40	11.1
1980 . . .	551	12.0	300	7.8	234	12.6	66	3.3	251	33.2	207	58.5	44	11.0
1981 . . .	510	11.1	283	7.3	223	11.9	60	3.0	227	29.9	181	50.9	46	11.4
1982 . . .	482	10.4	251	6.5	194	10.3	57	2.9	231	30.3	189	52.9	42	10.3
1983 . . .	440	9.4	222	5.7	168	8.9	54	2.7	218	28.4	179	49.9	39	9.6
1984 . . .	414	8.8	236	6.0	181	9.5	55	2.7	178	23.1	157	43.6	21	5.1
1985 . . .	431	9.2	233	5.9	174	9.1	59	2.9	198	25.6	157	43.4	41	9.9
1986 . . .	517	10.9	248	6.3	192	10.0	56	2.7	269	34.3	223	60.8	46	11.0
1987 . . .	495	10.4	230	5.8	181	9.4	49	2.4	265	33.3	204	54.9	61	14.4
1988 . . .	509	10.6	240	6.0	155	8.0	85	4.1	269	33.3	216	57.4	53	12.3
1989 . . .	462	9.5	233	5.8	177	9.1	56	2.7	228	27.9	183	48.0	45	10.3
1990 . . .	564	11.6	240	5.9	175	8.9	65	3.1	324	39.1	261	67.5	63	14.2

Cause titles are shown according to the Ninth Revision International Classification of Diseases, 1975. Where necessary, regrouping of causes for 1971-1978 has been done to make numbers for these years correspond as nearly as possible with those for 1979-1990.
For more detailed information see page 101 of this Bulletin.
Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE III-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death			Age at Death													
			All Deaths	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years
All Causes	All Races		46,204	770	146	82	105	348	472	1,234	1,699	2,763	5,896	10,454	12,988	9,237
	White	M	20,219	256	56	32	57	182	265	636	827	1,398	3,108	5,312	5,416	2,672
		F	18,129	193	39	21	19	77	74	215	420	782	1,733	3,435	5,727	5,392
	Other Races	M	4,124	174	30	15	14	65	106	257	292	345	598	904	875	443
		F	3,732	147	21	14	15	24	27	126	160	238	457	803	970	730
Certain Other Intestinal Infections (007-009)	All Races		2	-	-	-	-	-	-	-	-	-	1	-	-	1
	White	M	2	-	-	-	-	-	-	-	-	-	1	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other Races	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis of Respiratory System (010-012)	All Races		31	-	-	-	-	-	1	-	1	3	5	7	9	5
	White	M	17	-	-	-	-	-	1	-	-	-	3	5	5	3
		F	9	-	-	-	-	-	-	-	-	1	2	1	3	2
	Other Races	M	2	-	-	-	-	-	-	-	-	2	-	-	-	-
		F	3	-	-	-	-	-	-	-	1	-	-	1	1	-
Tuberculosis, Other Forms (013-018)	All Races		10	-	-	-	-	-	-	-	1	1	-	3	4	1
	White	M	3	-	-	-	-	-	-	-	-	1	-	-	2	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-
	Other Races	M	5	-	-	-	-	-	-	-	1	-	-	3	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Streptococcal Sore Throat, Scarlatina, and Erysipelas (034-035)	All Races		1	-	-	-	-	-	-	-	-	1	-	-	-	-
	White	M	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other Races	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningococcal Infection (036)	All Races		4	1	-	-	-	1	-	1	-	-	1	-	-	-
	White	M	1	-	-	-	-	1	-	-	-	-	-	-	-	-
		F	2	1	-	-	-	-	-	-	-	-	1	-	-	-
	Other Races	M	1	-	-	-	-	-	-	1	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicemia (038)	All Races		257	7	3	-	-	1	-	8	7	6	16	62	76	71
	White	M	84	1	3	-	-	-	-	2	3	2	7	23	24	19
		F	104	1	-	-	-	1	-	2	1	2	4	21	35	37
	Other Races	M	32	4	-	-	-	-	-	3	2	1	1	8	10	3
		F	37	1	-	-	-	-	-	1	1	1	4	10	7	12
Viral Encephalitis (049.8-049.9,062-064)	All Races		3	1	-	1	-	-	-	-	-	-	-	-	1	-
	White	M	2	-	-	1	-	-	-	-	-	-	-	-	1	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-
	Other Races	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Viral Hepatitis (070)	All Races		42	-	-	-	-	-	-	4	7	3	9	6	13	-
	White	M	19	-	-	-	-	-	-	2	7	1	2	3	4	-
		F	16	-	-	-	-	-	-	-	-	1	4	2	9	-
	Other Races	M	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	6	-	-	-	-	-	-	2	-	-	3	1	-	-
Syphilis (090-097)	All Races		4	1	-	-	-	-	-	-	-	-	1	-	2	-
	White	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-
	Other Races	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	1	-	-	-	-	-	-	-	-	1	-	1	-

Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE III (Continued)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death			All Deaths	Age at Death												
				Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years
All Other Infectious and Parasitic Diseases (001-003,005,020-032, 037,039-041,042.0-042.2,042.9, 043.0-043.3,043.9,044.0,044.9, 046-048,049.0-049.1,050-054, 056-061,065-066,071-081, 082.1-082.3,082.8-082.9, 083-088,098-139)	All Races		367	8	-	4	3	-	7	98	83	47	39	32	29	17
	White	M	223	3	-	1	1	-	5	70	50	36	20	15	14	8
		F	60	1	-	2	1	-	1	3	7	6	11	9	11	8
	Other Races	M	62	3	-	-	1	-	1	18	22	3	6	6	2	-
		F	22	1	-	1	-	-	-	7	4	2	2	2	2	1
Malignant Neoplasm (140-208)	All Races		10,504	3	8	13	9	11	22	111	344	900	2,162	3,279	2,617	1,023
	White	M	4,837	1	6	6	5	7	10	48	120	388	1,057	1,638	1,207	344
		F	3,956	2	1	4	2	3	7	35	151	361	754	1,113	1,006	516
	Other Races	M	956	-	1	2	-	1	5	9	36	84	189	311	241	76
		F	755	-	-	1	2	-	-	19	37	67	162	217	163	87
Benign Neoplasms, Carcinoma In Situ, and Neoplasms of Uncertain Behavior and of Unspecified Nature (210-239)	All Races		101	2	-	-	1	-	1	2	2	8	7	25	34	19
	White	M	34	1	-	-	-	-	-	-	1	3	2	9	12	6
		F	52	1	-	-	1	-	-	2	-	3	4	13	19	9
	Other Races	M	5	-	-	-	-	-	-	-	-	-	-	2	3	-
		F	10	-	-	-	-	-	1	-	1	2	1	1	-	4
Diabetes Mellitus (250)	All Races		914	-	-	-	1	1	-	21	31	67	134	248	280	131
	White	M	313	-	-	-	1	-	-	10	17	25	52	89	83	36
		F	410	-	-	-	-	1	-	3	8	24	51	102	148	73
	Other Races	M	62	-	-	-	-	-	-	6	2	4	12	23	12	3
		F	129	-	-	-	-	-	-	2	4	14	19	34	37	19
Nutritional Deficiencies (260-269)	All Races		34	-	-	-	-	-	-	1	-	-	-	3	13	17
	White	M	8	-	-	-	-	-	-	1	-	-	-	1	1	5
		F	17	-	-	-	-	-	-	-	-	-	-	-	9	8
	Other Races	M	3	-	-	-	-	-	-	-	-	-	-	2	1	-
		F	6	-	-	-	-	-	-	-	-	-	-	-	2	4
Anemias (280-285)	All Races		86	-	-	-	2	4	2	6	3	3	6	6	26	28
	White	M	24	-	-	-	-	-	-	1	-	1	3	2	11	6
		F	39	-	-	-	1	1	-	-	-	1	2	2	12	20
	Other Races	M	14	-	-	-	-	3	1	4	1	1	1	1	2	-
		F	9	-	-	-	1	-	1	1	2	-	-	1	1	2
Meningitis (320-322)	All Races		24	5	3	3	-	-	1	2	-	2	3	4	1	-
	White	M	9	3	2	1	-	-	-	1	-	-	1	1	-	-
		F	9	-	-	1	-	-	-	1	-	1	2	3	1	-
	Other Races	M	4	2	-	1	-	-	1	-	-	-	-	-	-	-
		F	2	-	1	-	-	-	-	-	-	1	-	-	-	-
Rheumatic Fever and Rheumatic Heart Disease (390-398)	All Races		115	-	-	-	-	-	-	2	11	9	21	32	29	11
	White	M	33	-	-	-	-	-	-	-	4	2	5	12	7	3
		F	66	-	-	-	-	-	-	-	4	6	12	17	21	6
	Other Races	M	6	-	-	-	-	-	-	1	1	1	2	-	1	-
		F	10	-	-	-	-	-	-	1	2	-	2	3	-	2
Hypertensive Heart Disease (402)	All Races		548	-	-	-	-	-	1	11	31	40	56	116	155	138
	White	M	122	-	-	-	-	-	-	5	10	8	14	24	37	24
		F	221	-	-	-	-	-	-	-	6	5	16	37	72	85
	Other Races	M	85	-	-	-	-	-	1	1	10	13	15	22	15	8
		F	120	-	-	-	-	-	-	5	5	14	11	33	31	21

Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE III (Continued)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death			Age at Death													
			All Deaths	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years
Hypertensive Heart and Renal Disease (404)	All Races		79	-	-	-	-	-	-	-	1	2	9	16	25	26
	White	M	13	-	-	-	-	-	-	-	-	-	3	1	4	5
		F	26	-	-	-	-	-	-	-	-	-	1	7	9	9
	Other Races	M	19	-	-	-	-	-	-	-	1	1	4	3	6	4
		F	21	-	-	-	-	-	-	-	-	1	1	5	6	8
Ischemic Heart Disease (410-414)	All Races		10,616	-	-	-	-	2	3	33	195	551	1,328	2,504	3,474	2,525
	White	M	5,152	-	-	-	-	1	1	15	135	363	865	1,461	1,557	754
		F	4,251	-	-	-	-	-	-	8	25	95	291	752	1,555	1,525
	Other Races	M	583	-	-	-	-	-	2	5	30	58	96	145	149	97
		F	630	-	-	-	-	1	-	5	5	35	76	146	213	149
All Other Forms of Heart Disease (415-429)	All Races		4,057	14	9	1	3	6	4	43	84	174	464	881	1,241	1,132
	White	M	1,507	6	3	-	1	2	3	16	36	85	226	392	430	307
		F	1,639	2	2	-	1	1	1	10	18	27	89	268	555	665
	Other Races	M	435	3	2	-	-	1	-	10	19	33	87	113	107	59
		F	476	3	2	1	1	2	-	7	11	29	62	108	149	101
Hypertension, With or Without Renal Disease (401,403)	All Races		171	-	-	-	-	-	-	1	5	6	19	36	65	39
	White	M	55	-	-	-	-	-	-	-	2	2	10	14	17	10
		F	70	-	-	-	-	-	-	1	1	1	5	11	27	24
	Other Races	M	16	-	-	-	-	-	-	-	-	1	2	5	6	2
		F	30	-	-	-	-	-	-	-	2	2	2	6	15	3
Cerebrovascular Disease (430-438)	All Races		3,622	1	1	1	-	-	8	16	55	126	254	678	1,320	1,162
	White	M	1,176	1	1	-	-	-	3	6	9	48	105	279	449	275
		F	1,800	-	-	-	-	-	3	4	16	33	81	245	668	750
	Other Races	M	269	-	-	1	-	-	2	1	12	18	37	68	79	51
		F	377	-	-	-	-	-	-	5	18	27	31	86	124	86
Atherosclerosis (440)	All Races		405	-	-	-	-	-	-	-	1	8	14	59	144	179
	White	M	142	-	-	-	-	-	-	-	1	3	10	32	52	44
		F	222	-	-	-	-	-	-	-	-	3	4	17	78	120
	Other Races	M	19	-	-	-	-	-	-	-	-	1	-	6	6	6
		F	22	-	-	-	-	-	-	-	-	1	-	4	8	9
Other Diseases of Arteries, Arterioles, and Capillaries (441-448)	All Races		490	2	-	-	-	-	1	3	11	14	52	152	164	91
	White	M	271	-	-	-	-	-	-	1	3	9	33	104	85	36
		F	154	1	-	-	-	-	-	-	3	4	13	30	59	44
	Other Races	M	31	-	-	-	-	-	1	1	3	-	2	10	12	2
		F	34	1	-	-	-	-	-	1	2	1	4	8	8	9
Acute Bronchitis and Bronchiolitis (466)	All Races		13	1	-	-	-	-	-	1	-	1	1	1	2	6
	White	M	4	-	-	-	-	-	-	-	-	-	-	-	1	3
		F	6	-	-	-	-	-	-	-	-	1	1	1	1	2
	Other Races	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	1	-	-	-	-	-	1	-	-	-	-	-	1
Pneumonia (480-486)	All Races		1,658	6	5	-	1	2	7	9	18	40	76	244	578	672
	White	M	685	1	2	-	1	-	1	4	7	20	43	122	272	212
		F	737	4	2	-	-	-	3	1	7	12	20	82	233	373
	Other Races	M	122	-	-	-	-	1	-	2	4	7	8	18	44	38
		F	114	1	1	-	-	1	3	2	-	1	5	22	29	49
Influenza (487)	All Races		38	-	-	-	1	-	-	-	-	-	2	5	10	20
	White	M	13	-	-	-	-	-	-	-	-	-	1	1	5	6
		F	22	-	-	-	1	-	-	-	-	-	-	3	5	13
	Other Races	M	2	-	-	-	-	-	-	-	-	-	-	1	-	1
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-

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TABLE III (Continued)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death			Age at Death													
			All Deaths	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years
Bronchitis, Chronic and Unspecified (490-491)	All Races		69	-	-	1	-	-	-	1	2	7	9	18	14	17
	White	M	37	-	-	-	-	-	-	-	1	5	3	13	7	8
		F	25	-	-	-	-	-	-	1	-	2	5	5	7	5
	Other Races	M	3	-	-	1	-	-	-	-	1	-	-	-	-	1
		F	4	-	-	-	-	-	-	-	-	-	1	-	-	3
Emphysema (492)	All Races		297	-	-	-	-	-	-	-	3	12	61	107	92	22
	White	M	185	-	-	-	-	-	-	-	1	1	44	65	62	12
		F	88	-	-	-	-	-	-	-	2	8	12	35	23	8
	Other Races	M	19	-	-	-	-	-	-	-	-	2	4	5	6	2
		F	5	-	-	-	-	-	-	-	-	1	1	2	1	-
Asthma (493)	All Races		109	-	-	-	4	3	-	4	10	7	19	25	27	10
	White	M	31	-	-	-	-	1	-	-	4	-	8	9	5	4
		F	52	-	-	-	-	-	-	-	3	3	7	13	20	6
	Other Races	M	13	-	-	-	2	2	-	2	1	-	3	2	1	-
		F	13	-	-	-	2	-	-	2	2	4	1	1	1	-
Other Chronic Obstructive Pulmonary Disease and Allied Conditions (494-496)	All Races		1,401	-	-	-	-	-	-	-	4	47	182	464	509	194
	White	M	765	-	-	-	-	-	-	-	1	25	80	271	297	91
		F	504	-	-	-	-	-	-	-	2	14	82	160	163	83
	Other Races	M	93	-	-	-	-	-	-	-	1	7	14	20	38	12
		F	39	-	-	-	-	-	-	-	-	1	6	13	11	8
Ulcer of Stomach and Duodenum (531-533)	All Races		114	-	-	-	-	1	-	-	4	4	12	29	39	25
	White	M	53	-	-	-	-	-	-	-	3	2	3	19	18	8
		F	43	-	-	-	-	-	-	-	-	2	5	4	15	17
	Other Races	M	10	-	-	-	-	1	-	-	1	-	4	3	1	-
		F	8	-	-	-	-	-	-	-	-	-	-	3	5	-
Appendicitis (540-543)	All Races		14	-	-	-	-	1	-	1	-	-	-	4	6	2
	White	M	6	-	-	-	-	-	-	-	-	-	-	2	3	1
		F	5	-	-	-	-	-	-	1	-	-	-	2	1	1
	Other Races	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	2	-	-	-	-	1	-	-	-	-	-	-	1	-
Hernia and Intestinal Obstruction (550-553, 560)	All Races		119	-	-	-	-	-	1	-	3	4	8	23	38	42
	White	M	42	-	-	-	-	-	1	-	1	1	3	12	15	9
		F	56	-	-	-	-	-	-	-	1	2	2	6	18	27
	Other Races	M	9	-	-	-	-	-	-	-	1	1	3	1	1	2
		F	12	-	-	-	-	-	-	-	-	-	-	4	4	4
Chronic Liver Disease and Cirrhosis (571)	All Races		508	1	-	-	-	-	1	20	76	96	120	126	56	12
	White	M	262	-	-	-	-	-	1	5	41	63	73	59	16	4
		F	149	1	-	-	-	-	-	4	10	9	26	57	36	6
	Other Races	M	62	-	-	-	-	-	-	8	16	17	14	5	1	1
		F	35	-	-	-	-	-	-	3	9	7	7	5	3	1
Cholelithiasis and Other Disorders of Gallbladder (574-575)	All Races		87	-	-	-	-	-	-	1	-	5	10	20	24	27
	White	M	33	-	-	-	-	-	-	-	-	2	5	10	9	7
		F	44	-	-	-	-	-	-	-	-	2	3	8	13	18
	Other Races	M	4	-	-	-	-	-	-	1	-	-	2	-	1	-
		F	6	-	-	-	-	-	-	-	-	1	-	2	1	2
Acute Glomerulonephritis and Nephrotic Syndrome (580-581)	All Races		5	-	-	-	-	-	-	-	-	1	-	2	-	2
	White	M	2	-	-	-	-	-	-	-	-	-	-	-	-	2
		F	2	-	-	-	-	-	-	-	-	-	-	2	-	-
	Other Races	M	1	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE III (Continued)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death			Age at Death													
			All Deaths	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years
Chronic Glomerulonephritis and Unspecified Nephritis, Nephropathy, and Renal Sclerosis (582-583,587)	All Races		50	1	-	-	-	-	-	1	4	4	3	14	15	8
	White	M	22	1	-	-	-	-	-	1	2	3	-	8	6	1
		F	11	-	-	-	-	-	-	-	1	-	-	1	4	5
	Other Races	M	8	-	-	-	-	-	-	-	-	1	1	4	2	-
		F	9	-	-	-	-	-	-	-	1	-	2	1	3	2
Renal Failure, Disorders Resulting From Impaired Renal Function, and Small Kidney of Unknown Cause (584-586,588-589)	All Races		345	7	-	-	-	-	-	4	4	10	20	67	122	111
	White	M	107	2	-	-	-	-	-	2	-	3	5	21	41	33
		F	145	2	-	-	-	-	-	1	1	3	6	21	57	54
	Other Races	M	49	2	-	-	-	-	-	1	3	2	5	12	13	11
		F	44	1	-	-	-	-	-	-	-	2	4	13	11	13
Infections of Kidney (590)	All Races		34	-	-	-	-	-	-	-	-	-	2	1	17	14
	White	M	11	-	-	-	-	-	-	-	-	-	2	-	6	3
		F	22	-	-	-	-	-	-	-	-	-	-	1	11	10
	Other Races	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Hyperplasia of Prostate (600)	All Races		13	-	-	-	-	-	-	-	-	-	-	1	8	4
	White	M	12	-	-	-	-	-	-	-	-	-	-	1	7	4
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other Races	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Complications of Pregnancy, Childbirth, and the Puerperium (630-676)	All Races		6	-	-	-	-	1	3	1	1	-	-	-	-	-
	White	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	1	1	1	-	-	-	-	-
	Other Races	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	1	2	-	-	-	-	-	-	-
Congenital Anomalies (740-759)	All Races		253	174	14	3	3	3	5	6	12	6	11	9	3	4
	White	M	88	59	4	2	1	1	2	2	4	1	6	3	2	1
		F	93	63	4	1	-	-	1	3	6	4	4	4	-	3
	Other Races	M	39	27	6	-	1	2	1	-	1	-	-	-	1	-
		F	33	25	-	-	1	-	1	1	1	1	1	2	-	-
Birth Trauma, Intrauterine Hypoxia, Birth Asphyxia, and Respiratory Distress Syndrome (767-769)	All Races		68	65	2	-	-	-	-	-	1	-	-	-	-	-
	White	M	34	31	2	-	-	-	-	-	1	-	-	-	-	-
		F	13	13	-	-	-	-	-	-	-	-	-	-	-	-
	Other Races	M	12	12	-	-	-	-	-	-	-	-	-	-	-	-
		F	9	9	-	-	-	-	-	-	-	-	-	-	-	-
Other Conditions Originating in the Perinatal Period (760-766,770-779)	All Races		299	292	5	-	1	1	-	-	-	-	-	-	-	-
	White	M	83	81	1	-	1	-	-	-	-	-	-	-	-	-
		F	63	62	-	-	-	1	-	-	-	-	-	-	-	-
	Other Races	M	83	80	3	-	-	-	-	-	-	-	-	-	-	-
		F	70	69	1	-	-	-	-	-	-	-	-	-	-	-
Symptom, Signs, and Ill-defined Conditions (780-799)	All Races		868	129	2	-	-	7	6	15	35	59	100	165	186	164
	White	M	395	52	2	-	-	4	1	7	16	30	64	96	78	45
		F	300	24	-	-	-	1	3	3	11	16	23	44	80	95
	Other Races	M	95	30	-	-	-	2	2	3	6	9	8	15	13	7
		F	78	23	-	-	-	-	-	2	2	4	5	10	15	17
All Other Diseases (240-246, 251-259,270-279,286-319, 323-389,451-465,470-478, 500-530,534-537,555-558, 562-570,572-573,576-579, 591-599,601-629,680-739)	All Races		3,809	23	17	8	16	21	26	74	129	162	347	665	1,235	1,086
	White	M	1,356	8	3	4	7	10	15	37	57	68	152	300	428	267
		F	1,792	6	6	3	4	4	5	13	26	50	116	254	639	666
	Other Races	M	304	5	3	-	2	4	2	13	19	33	42	61	71	49
		F	357	4	5	1	3	3	4	11	27	11	37	50	97	104

Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE III (Continued)-DEATHS ACCORDING TO CAUSE (9TH REV. ICD), BY RACE, SEX, AND AGE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death			Age at Death													
			All Deaths	Under 1 Year	1-4 Years	5-9 Years	10-14 Years	15-19 Years	20-24 Years	25-34 Years	35-44 Years	45-54 Years	55-64 Years	65-74 Years	75-84 Years	85+ Years
Motor Vehicle Accidents (E810-E825)	All Races		1,210	8	29	21	25	160	168	250	176	101	88	101	64	18
	White	M	711	2	8	8	17	98	112	157	103	56	54	54	32	9
		F	328	1	11	5	5	46	33	52	45	31	27	38	26	8
	Other Races	M	119	4	4	5	-	12	17	28	20	11	6	7	4	1
		F	52	1	6	3	3	4	6	13	8	3	1	2	2	-
All Other Accidents and Adverse Effects (E800-E807,E826-E949)	All Races		1,054	9	41	21	21	31	51	134	124	87	111	118	157	148
	White	M	564	3	19	8	14	24	34	79	78	57	68	69	64	47
		F	301	3	12	4	-	3	9	25	21	20	23	30	61	90
	Other Races	M	136	2	7	5	6	3	8	19	21	9	17	13	19	6
		F	53	1	3	4	1	1	-	11	4	1	3	6	13	5
Suicide (E950-E959)	All Races		654	-	-	-	9	40	71	149	104	72	76	78	43	11
	White	M	459	-	-	-	7	23	54	100	70	51	53	61	31	9
		F	120	-	-	-	1	10	5	23	22	18	17	12	10	1
	Other Races	M	64	-	-	-	1	4	10	22	11	3	5	5	2	1
		F	11	-	-	-	-	3	2	4	1	-	1	-	-	-
Homicide and Legal Intervention (E960-978)	All Races		564	8	7	5	4	44	77	181	110	62	34	13	15	2
	White	M	175	-	-	1	1	4	17	53	37	28	21	8	4	-
		F	65	4	1	1	1	4	2	15	17	10	5	1	4	-
	Other Races	M	261	-	4	-	1	29	51	96	46	20	8	3	2	-
		F	63	4	2	3	1	7	7	17	10	4	-	1	5	2
All Other External Causes (E980-E999)	All Races		58	1	-	-	1	7	5	19	6	5	3	5	6	-
	White	M	36	-	-	-	-	6	4	11	2	4	1	3	5	-
		F	14	-	-	-	1	1	-	3	4	1	2	1	1	-
	Other Races	M	4	-	-	-	-	-	1	2	-	-	-	1	-	-
		F	4	1	-	-	-	-	-	3	-	-	-	-	-	-

Totals may include one or more deaths with age, race, and/or sex not stated.

TABLE IV. PRINCIPAL CAUSES OF DEATH FOR EIGHT AGE GROUPS WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	All Races Number	All Races Rate	White Number	White Rate	All Other Races Number	All Other Races Rate
1-14 Years						
All causes	333	35.0	224	30.2	109	51.7
1. Accidents and adverse effects (E800-E949)	158	16.6	111	15.0	47	22.3
2. Malignant neoplasms (140-208)	30	3.2	24	3.2	6	2.8
3. Congenital anomalies (740-759)	20	2.1	12	1.6	8	3.8
4. Homicide and legal intervention (E960-E978)	16	1.7	5	0.7	11	5.2
5. Diseases of heart (390-398, 402, 404-429)	13	1.4	7	0.9	6	2.8
15-24 Years						
All causes	820	111.7	598	101.9	222	150.3
1. Accidents and adverse effects (E800-E949)	410	55.8	359	61.2	51	34.5
2. Homicide and legal intervention (E960-E978)	121	16.5	27	4.6	94	63.7
3. Suicide (E950-E959)	111	15.1	92	15.7	19	12.9
4. Malignant neoplasms (140-208)	33	4.5	27	4.6	6	4.1
5. Diseases of heart (390-398, 402, 404-429)	16	2.2	9	1.5	7	4.7
25-34 Years						
All causes	1,234	151.9	851	127.9	383	260.4
1. Accidents and adverse effects (E800-E949)	384	47.3	313	47.1	71	48.3
2. Homicide and legal intervention (E960-E978)	181	22.3	68	10.2	113	76.8
3. Suicide (E950-E959)	149	18.3	123	18.5	26	17.7
4. Malignant neoplasms (140-208)	111	13.7	83	12.5	28	19.0
5. Diseases of heart (390-398, 402, 404-429)	89	11.0	54	8.1	35	23.8
35-44 Years						
All causes	1,699	229.3	1,247	199.8	452	387.2
1. Malignant neoplasms (140-208)	344	46.4	271	43.4	73	62.5
2. Diseases of heart (390-398, 402, 404-429)	322	43.5	238	38.1	84	72.0
3. Accidents and adverse effects (E800-E949)	300	40.5	247	39.6	53	45.4
4. Homicide and legal intervention (E960-E978)	110	14.8	54	8.7	56	48.0
5. Suicide (E950-E959)	104	14.0	92	14.7	12	10.3
45-64 Years						
All causes	8,659	901.2	7,021	833.3	1,638	1385.3
1. Malignant neoplasms (140-208)	3,062	318.7	2,560	303.8	502	424.5
2. Diseases of heart (390-398, 402, 404-429)	2,654	276.2	2,113	250.8	541	457.5
3. Accidents and adverse effects (E800-E949)	387	40.3	336	39.9	51	43.1
4. Cerebrovascular disease (430-438)	380	39.5	267	31.7	113	95.6
5. Chronic obstructive pulmonary disease and allied conditions (490-496)	344	35.8	299	35.5	45	38.1
6. Chronic liver disease and cirrhosis (571)	216	22.5	171	20.3	45	38.1
7. Diabetes (250)	201	20.9	152	18.0	49	41.4
65-74 Years						
All causes	10,454	2924.8	8,747	2773.5	1,707	4060.4
1. Diseases of heart (390-398, 402, 404-429)	3,549	992.9	2,971	942.0	578	1374.9
2. Malignant neoplasms (140-208)	3,279	917.4	2,751	872.3	528	1255.9
3. Cerebrovascular disease (430-438)	678	189.7	524	166.1	154	366.3
4. Chronic obstructive pulmonary disease and allied conditions (490-496)	614	171.8	571	181.0	43	102.3
5. Pneumonia and influenza (480-487)	249	69.7	206	66.0	41	97.5
6. Diabetes mellitus (250)	248	69.4	191	60.6	57	135.6
7. Accidents and adverse effects (E800-E949)	219	61.3	191	60.6	28	66.6
75-84 Years						
All causes	12,988	6410.6	11,143	6293.6	1,845	7219.7
1. Diseases of heart (390-398, 402, 404-429)	4,924	2430.4	4,247	2398.8	677	2649.2
2. Malignant neoplasms (140-208)	2,617	1291.7	2,213	1250.0	404	1580.9
3. Cerebrovascular disease (430-438)	1,320	651.5	1,117	630.9	203	794.4
4. Chronic obstructive pulmonary disease and allied conditions (490-496)	642	316.9	584	329.9	58	227.0
5. Pneumonia and influenza (480-487)	588	290.2	515	290.9	73	285.7
6. Diabetes mellitus (250)	280	138.2	231	130.5	49	191.7
7. Accidents and adverse effects (E800-E949)	221	109.1	183	103.4	38	148.7
85 Years and Over						
All causes	9,237	15710.8	8,064	15812.7	1,173	15044.2
1. Diseases of heart (390-398, 402, 404-429)	3,832	6517.7	3,383	6633.7	449	5758.6
2. Cerebrovascular disease (430-438)	1,162	1976.4	1,025	2009.9	137	1757.1
3. Malignant neoplasms (140-208)	1,023	1740.0	860	1686.4	163	2090.5
4. Pneumonia and influenza (480-487)	692	1177.0	604	1184.4	88	1128.6
5. Chronic obstructive pulmonary disease and allied conditions (490-496)	243	413.3	217	425.5	26	333.5
6. Atherosclerosis (440)	179	304.5	164	321.6	15	192.4
7. Accidents and adverse effects (E800-E949)	166	282.3	154	302.0	12	153.9

Totals may include one or more deaths with race unknown.

TABLE V-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
All Causes#	46,204	9.5	38,348	9.5	7,856	9.5
Typhoid and paratyphoid fevers (002)	-	-	-	-	-	-
Shigellosis (004)	-	-	-	-	-	-
Other salmonella infections and other food poisoning (bacterial) (003, 005)	2	0.0	1	0.0	1	0.1
Amebiasis (006)	-	-	-	-	-	-
Certain other intestinal infections (007-009)	2	0.0	2	0.0	-	-
Tuberculosis of respiratory system (010-012)	31	0.6	26	0.6	5	0.6
Other tuberculosis, excluding late effects (013-018)	10	0.2	4	0.1	6	0.7
Brucellosis (023)	-	-	-	-	-	-
Diphtheria (032)	-	-	-	-	-	-
Whooping cough (033)	-	-	-	-	-	-
Streptococcal sore throat and scarlatina (034)	1	0.0	1	0.0	-	-
Erysipelas (035)	-	-	-	-	-	-
Meningococcal infection (036)	4	0.1	3	0.1	1	0.1
Tetanus (037)	1	0.0	-	-	1	0.1
Septicemia (038)	257	5.3	188	4.6	69	8.3
All other bacterial diseases (001,020-022,024-027,030,031,039-041)	17	0.3	15	0.4	2	0.2
Human immunodeficiency virus (HIV) infection (*042-*044)	205	4.2	152	3.8	53	6.4
Acute poliomyelitis (045)	-	-	-	-	-	-
Viral encephalitis (049.8-049.9,062-064)	3	0.1	3	0.1	-	-
Measles (055)	-	-	-	-	-	-
Rubella (056)	-	-	-	-	-	-
Viral hepatitis (070)	42	0.9	35	0.9	7	0.8
All other viral diseases (046-049.1,050-054, 057,060,061,065,066,071-079)	30	0.6	27	0.7	3	0.4
Rocky Mountain spotted fever (082.0)	-	-	-	-	-	-
Other rickettsioses (080,081,082.1-083)	-	-	-	-	-	-
Malaria (084)	-	-	-	-	-	-
Cardiovascular syphilis (093)	2	0.0	1	0.0	1	0.1
Neurosyphilis (094)	1	0.0	-	-	1	0.1
All other syphilis (090-092,095-097)	1	0.0	-	-	1	0.1
Gonococcal infections (098)	-	-	-	-	-	-
Candidiasis (112)	30	0.6	27	0.7	3	0.4
Histoplasmosis (115)	3	0.1	2	0.0	1	0.1
All other mycoses (110,111,114,116-118)	39	0.8	33	0.8	6	0.7
Helminthiases (120-129)	2	0.0	2	0.0	-	-
All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases (085-088,099-104,130-139)	38	0.8	24	0.6	14	1.7
Malignant neoplasm of lip, oral cavity, and pharynx (140-149)	162	3.3	134	3.3	28	3.4
Malignant neoplasm of esophagus (150)	183	3.8	133	3.3	50	6.0
Malignant neoplasm of stomach (151)	232	4.8	178	4.4	54	6.5
Malignant neoplasm of small intestine, including duodenum (152)	17	0.3	14	0.3	3	0.4
Malignant neoplasm of colon (153)	994	20.4	797	19.7	197	23.8
Malignant neoplasm of rectum, rectosigmoid junction, and anus (154)	134	2.7	115	2.8	19	2.3
Malignant neoplasm of liver and intrahepatic bile ducts (155)	168	3.4	130	3.2	38	4.6
Malignant neoplasm of gallbladder and extrahepatic bile ducts (156)	72	1.5	62	1.5	10	1.2
Malignant neoplasm of pancreas (157)	536	11.0	453	11.2	83	10.0
Malignant neoplasm of retroperitoneum, peritoneum, and other and ill-defined sites within the digestive organs and peritoneum (158-159)	35	0.7	30	0.7	5	0.6

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.

Totals may include one or more deaths with race not stated.

#Rate per 1,000 population.

*These codes are not part of the Ninth Revision International Classification of Diseases.

TABLE V (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Malignant neoplasm of larynx (161)	91	1.9	74	1.8	17	2.1
Malignant neoplasm of trachea, bronchus, and lung (162)	3,370	69.1	2,876	71.0	494	59.6
Malignant neoplasm of all other and ill-defined sites within the respiratory system and intrathoracic organs (160,163-165)	26	0.5	21	0.5	5	0.6
Malignant neoplasm of bone and articular cartilage and of connective and other soft tissue (170-171)	89	1.8	74	1.8	15	1.8
Malignant neoplasm of skin (172-173)	196	4.0	181	4.5	15	1.8
Malignant neoplasm of female breast (174)	831	32.9	700	33.6	131	29.6
Malignant neoplasm of male breast (175)	6	0.3	5	0.3	1	0.3
Malignant neoplasm of cervix uteri (180)	108	4.3	70	3.4	38	8.6
Malignant neoplasm of other parts of uterus (179,181-182)	126	5.0	106	5.1	20	4.5
Malignant neoplasm of other female genital organs (183-184)	259	10.2	228	10.9	31	7.0
Malignant neoplasm of prostate (185)	620	26.4	469	23.9	151	39.1
Malignant neoplasm of other male genital organs (186-187)	14	0.6	11	0.6	3	0.8
Malignant neoplasm of bladder (188)	183	3.8	159	3.9	24	2.9
Malignant neoplasm of kidney and other and unspecified urinary organs (189)	214	4.4	183	4.5	31	3.7
Malignant neoplasm of brain (191)	272	5.6	251	6.2	21	2.5
Malignant neoplasm of all other and unspecified sites (190,192-195,199)	550	11.3	447	11.0	103	12.4
Lymphosarcoma and reticulosarcoma (200)	33	0.7	28	0.7	5	0.6
Hodgkin's disease (201)	23	0.5	21	0.5	2	0.2
Other malignant neoplasm of lymphoid and histiocytic tissue (202)	351	7.2	323	8.0	28	3.4
Multiple myeloma and immunoproliferative neoplasms (203)	215	4.4	171	4.2	44	5.3
Lymphoid leukemia (204)	116	2.4	105	2.6	11	1.3
Myeloid leukemia (205)	152	3.1	130	3.2	22	2.7
Other and unspecified leukemia (206-208)	126	2.6	114	2.8	12	1.4
Benign neoplasms (210-229)	42	0.9	33	0.8	9	1.1
Carcinoma in situ (230-234)	-	-	-	-	-	-
Neoplasms of uncertain behavior and unspecified nature (235-239)	59	1.2	53	1.3	6	0.7
Disorders of thyroid gland (240-246)	23	0.5	16	0.4	7	0.8
Diabetes mellitus (250)	914	18.7	723	17.9	191	23.0
Diseases of other endocrine glands (251-259)	20	0.4	14	0.3	6	0.7
Nutritional deficiencies (260-269)	34	0.7	25	0.6	9	1.1
Other metabolic disorders and immunity disorders (270-279)	243	5.0	198	4.9	45	5.4
Anemias (280-285)	86	1.8	63	1.6	23	2.8
All other diseases of blood and blood-forming organs (286-289)	82	1.7	69	1.7	13	1.6
Psychoses (290-299)	481	9.9	412	10.2	69	8.3
Alcohol dependence syndrome (303)	106	2.2	75	1.9	31	3.7
Drug dependence (304)	-	-	-	-	-	-
Other neurotic, personality, and nonpsychotic mental disorders (300-302,305-316)	164	3.4	137	3.4	27	3.3
Mental retardation (317-319)	14	0.3	9	0.2	5	0.6
Meningitis (320-322)	24	0.5	18	0.4	6	0.7
Parkinson's disease (332)	113	2.3	105	2.6	8	1.0
Other hereditary and degenerative diseases of the central nervous system (330-331,333-337)	445	9.1	411	10.2	34	4.1
Multiple sclerosis (340)	27	0.6	22	0.5	5	0.6
Infantile cerebral palsy (343)	18	0.4	12	0.3	6	0.7
Epilepsy (345)	35	0.7	20	0.5	15	1.8

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.

Totals may include one or more deaths with race not stated.

TABLE V (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
All other diseases of central nervous system (323-326, 341-342,344,346-359)	122	2.5	101	2.5	21	2.5
Disorders of the eye and adnexa (360-379)	-	-	-	-	-	-
Disorders of the ear and mastoid process (380-389)	1	0.0	1	0.0	-	-
Acute rheumatic fever (390-392)	1	0.0	1	0.0	-	-
Diseases of mitral valve (394)	50	1.0	44	1.1	6	0.7
Diseases of aortic valve (395)	4	0.1	3	0.1	1	0.1
Diseases of mitral and aortic valves (396)	24	0.5	21	0.5	3	0.4
All other chronic rheumatic heart disease (393,397-398)	36	0.7	30	0.7	6	0.7
Essential hypertension (401)	74	1.5	60	1.5	14	1.7
Hypertensive heart disease (402)	548	11.2	343	8.5	205	24.7
Hypertensive renal disease (403)	97	2.0	65	1.6	32	3.9
Hypertensive heart and renal disease (404)	79	1.6	39	1.0	40	4.8
Acute myocardial infarction (410)	5,965	122.3	5,349	132.1	616	74.3
Other acute and subacute forms of ischemic heart disease (411)	22	0.5	21	0.5	1	0.1
Angina pectoris (413)	22	0.5	18	0.4	4	0.5
Old myocardial infarction and other forms of chronic ischemic heart disease (412,414)	4,607	94.5	4,015	99.2	592	71.4
Diseases of pulmonary circulation (415-417)	208	4.3	168	4.2	40	4.8
Acute pericarditis, acute and subacute endocarditis, acute myocarditis, and other diseases of pericardium (420-423)	33	0.7	25	0.6	8	1.0
Other diseases of endocardium (424)	205	4.2	188	4.6	17	2.1
Cardiomyopathy (425)	461	9.5	339	8.4	122	14.7
Heart failure (428)	621	12.7	528	13.0	93	11.2
All other and ill-defined forms of heart disease (426-427,429)	2,529	51.9	1,898	46.9	631	76.1
Subarachnoid hemorrhage (430)	157	3.2	131	3.2	26	3.1
Intracerebral and other and unspecified intracranial hemorrhage (431-432)	442	9.1	340	8.4	102	12.3
Occlusion and stenosis of precerebral arteries (433)	41	0.8	37	0.9	4	0.5
Occlusion of cerebral arteries (434)	389	8.0	321	7.9	68	8.2
Acute but ill-defined cerebrovascular disease (436)	2,153	44.1	1,781	44.0	372	44.9
Other and ill-defined and late effects of cerebrovascular disease (435,437-438)	440	9.0	366	9.0	74	8.9
Atherosclerosis (440)	405	8.3	364	9.0	41	4.9
Aortic aneurysm (441)	323	6.6	299	7.4	24	2.9
All other diseases of arteries, arterioles, and capillaries (442-448)	167	3.4	126	3.1	41	4.9
Diseases of veins and lymphatics, and other diseases of circulatory system (451-459)	101	2.1	93	2.3	8	1.0
Acute bronchitis and bronchiolitis (466)	13	0.3	10	0.2	3	0.4
Viral pneumonia (480)	17	0.3	15	0.4	2	0.2
Pneumococcal and other bacterial pneumonia (481-482)	142	2.9	120	3.0	22	2.7
Bronchopneumonia, organism unspecified (485)	119	2.4	111	2.7	8	1.0
Pneumonia due to other and unspecified organism (483,486)	1,380	28.3	1,176	29.1	204	24.6
Influenza (487)	38	0.8	35	0.9	3	0.4
Bronchitis, chronic and unspecified (490-491)	69	1.4	62	1.5	7	0.8
Emphysema (492)	297	6.1	273	6.7	24	2.9
Asthma (493)	109	2.2	83	2.1	26	3.1
Chronic airways obstruction, not elsewhere classified (496)	1,384	28.4	1,254	31.0	130	15.7
Empyema and abscess of lung and mediastinum (510,513)	13	0.3	12	0.3	1	0.1
Pleurisy (511)	14	0.3	12	0.3	2	0.2
All other diseases of the respiratory system (460-465, 470-478,494-495,500-508,512,514-519)	465	9.5	391	9.7	74	8.9

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.

Totals may include one or more deaths with race not stated.

TABLE V (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Diseases of oral cavity, salivary glands, and jaws (520-529)	2	0.0	2	0.0	-	-
Gastric ulcer (531)	32	0.7	28	0.7	4	0.5
Duodenal ulcer (532)	39	0.8	31	0.8	8	1.0
Peptic ulcer, site unspecified (533)	43	0.9	37	0.9	6	0.7
Gastritis and duodenitis (535)	9	0.2	7	0.2	2	0.2
Other diseases of esophagus, stomach, and duodenum (530,534,536,537)	44	0.9	41	1.0	3	0.4
Appendicitis (540-543)	14	0.3	11	0.3	3	0.4
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553,560)	119	2.4	98	2.4	21	2.5
Regional enteritis and idiopathic proctocolitis (555-556)	16	0.3	15	0.4	1	0.1
All other noninfective gastroenteritis and colitis (557-558)	192	3.9	165	4.1	27	3.3
Diverticula of intestine (562)	58	1.2	54	1.3	4	0.5
Chronic liver disease and cirrhosis (571)	508	10.4	411	10.2	97	11.7
Cholelithiasis and other disorders of gallbladder (574-575)	87	1.8	77	1.9	10	1.2
All other diseases of digestive system (564-570, 572-573,576-579)	319	6.5	245	6.1	74	8.9
Acute glomerulonephritis (580)	3	0.1	3	0.1	-	-
Nephrotic syndrome (581)	2	0.0	1	0.0	1	0.1
Chronic glomerulonephritis, nephritis and nephropathy, not specified as acute or chronic, and renal sclerosis, unspecified (582-583,587)	50	1.0	33	0.8	17	2.1
Renal failure, disorders resulting from impaired renal function, and small kidney of unknown cause (584-586,588-589)	345	7.1	252	6.2	93	11.2
Infections of kidney (590)	34	0.7	33	0.8	1	0.1
Urinary calculus (592,594)	8	0.2	8	0.2	-	-
All other diseases of urinary system (591,593,595-599)	422	8.7	312	7.7	110	13.3
Hyperplasia of prostate (600)	13	0.6	12	0.6	1	0.3
Other diseases of male genital organs (601-608)	5	0.2	5	0.3	-	-
Disorders of breast (610-611)	1	0.0	1	0.0	-	-
Diseases of female genital organs (614-629)	7	0.3	4	0.2	3	0.7
Pregnancy with abortive outcome (630-638)**	-	-	-	-	-	-
Hemorrhage of pregnancy and childbirth (640-641,666)**	1	0.1	-	-	1	0.5
Toxemia of pregnancy, childbirth, and the puerperium (642.4-642.9,643)**	1	0.1	1	0.2	-	-
Other complications of pregnancy, childbirth, and the puerperium (642.0-642.3,644-665,667-676)**	4	0.5	2	0.4	2	1.1
Infections of skin and subcutaneous tissue (680-686)	15	0.3	8	0.2	7	0.8
All other inflammatory conditions and diseases of skin and subcutaneous tissue (690-709)	43	0.9	28	0.7	15	1.8
Rheumatoid arthritis and other inflammatory polyarthropathies (714)	52	1.1	49	1.2	3	0.4
Other arthropathies and related disorders (710-712,715-719)	104	2.1	77	1.9	27	3.3
Dorsopathies (720-724)	8	0.2	7	0.2	1	0.1
Rheumatism, excluding the back (725-729)	12	0.2	8	0.2	4	0.5
Osteopathies, chondropathies, and acquired musculo-skeletal deformities (730-739)	22	0.5	17	0.4	5	0.6
Spina bifida (741)	5	0.1	4	0.1	1	0.1
All other congenital anomalies of nervous system (740,742)	18	0.4	16	0.4	2	0.2
Congenital anomalies of heart (745-746)	84	1.7	55	1.4	29	3.5
Other congenital anomalies of circulatory system (747)	33	0.7	22	0.5	11	1.3
All other congenital anomalies (743-744,748-759)	113	2.3	84	2.1	29	3.5

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.

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**Rate per 10,000 live births.

TABLE V (Continued)-DEATHS ACCORDING TO 212 SELECTED CAUSES (9th Rev. ICD), WITH RATES PER 100,000 POPULATION, BY RACE, RESIDENT DATA, TENNESSEE, 1990

Cause of Death	All Races		White		All Other Races	
	Number	Rate	Number	Rate	Number	Rate
Certain conditions originating in the perinatal period (760-779)	367	7.5	193	4.8	174	21.0
Immaturity (765)	86	1.8	32	0.8	54	6.5
Birth trauma (767)	4	0.1	3	0.1	1	0.1
Intrauterine hypoxia and birth asphyxia (768)	14	0.3	12	0.3	2	0.2
Respiratory distress syndrome (769)	50	1.0	32	0.8	18	2.2
All other conditions originating in the perinatal period (760-764,766,770-779)	213	4.4	114	2.8	99	11.9
Senility without mention of psychosis (797)	19	0.4	19	0.5	-	-
Symptoms, signs, and ill-defined conditions (780-796,798-799)	849	17.4	676	16.7	173	20.9
Railway accidents (E800-E807)	10	0.2	8	0.2	2	0.2
Motor vehicle traffic accident involving collision with another motor vehicle (E811-E812)	520	10.7	458	11.3	62	7.5
Motor vehicle traffic accident involving collision with other vehicle or object (E813,E815)	352	7.2	312	7.7	40	4.8
Motor vehicle traffic accident involving collision with pedestrian (E814)	102	2.1	65	1.6	37	4.5
Motor vehicle accident not involving collision on highway (E816-E818)	157	3.2	132	3.3	25	3.0
Motor vehicle traffic accidents of other and unspecified nature (E810,E819)	47	1.0	42	1.0	5	0.6
Motor vehicle nontraffic accidents (E820-E825)	32	0.7	30	0.7	2	0.2
Other road vehicle accidents (E826-E829)	5	0.1	4	0.1	1	0.1
Water transport accidents (E830-E838)	25	0.5	22	0.5	3	0.4
Air and space transport accidents (E840-E845)	16	0.3	16	0.4	-	-
Vehicle accidents not elsewhere classifiable (E846-E848)	2	0.0	2	0.0	-	-
Accidental poisoning by drugs, medicaments, and biologicals (E850-E858)	69	1.4	53	1.3	16	1.9
Accidental poisoning by other solid and liquid substances, gases, and vapors (E860-E869)	24	0.5	22	0.5	2	0.2
Misadventures during surgical and medical care, abnormal reactions, and late complications (E870-E879)	46	0.9	38	0.9	8	1.0
Accidental falls (E880-E888)	251	5.1	230	5.7	21	2.5
Accidents caused by fire and flames (E890-E899)	125	2.6	81	2.0	44	5.3
Accidents due to natural and environmental factors (E900-E909)	29	0.6	21	0.5	8	1.0
Accidental drowning and submersion (E910)	93	1.9	68	1.7	25	3.0
Suffocation by food or other object (E911-E912)	87	1.8	70	1.7	17	2.1
Accident caused by firearm missile (E922)	81	1.7	63	1.6	18	2.2
All other accidents and late effects of accidental injury (E913-E921,E923-E929)	184	3.8	162	4.0	22	2.7
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use (E930-E949)	7	0.1	5	0.1	2	0.2
Suicide and selfinflicted injury by firearms and explosives (E955)	484	9.9	433	10.7	51	6.2
All other suicides and selfinflicted injuries (E950-E954,E956-E959)	170	3.5	146	3.6	24	2.9
Assault by firearms and explosives (E965)	382	7.8	162	4.0	220	26.5
All other homicides and injuries purposely inflicted by other persons (E960-E964,E966-E969)	181	3.7	77	1.9	104	12.5
Legal intervention (E970-E978)	1	0.0	1	0.0	-	-
Injury by firearms and explosives, undetermined wheather accidentally or purposely inflicted (E985)	29	0.6	28	0.7	1	0.1
All other injuries undetermined whether accidentally or purposely inflicted (E980-E984,E986-E989)	29	0.6	22	0.5	7	0.8
Injury resulting from operations of war (E990-E999)	-	-	-	-	-	-

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.
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TABLE VI-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	STATE						ANDERSON						BEDFORD					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	4,877,185		4,048,068		829,117		68,250		64,615		3,635		30,411		27,097		3,314	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	74870	15.4	55919	13.8	18941	22.8	863	12.6	776	12.0	87	23.9	438	14.4	392	14.5	46	13.9
ILLEGITIMATE BIRTHS	22628	30.2	9792	17.5	12833	67.8	200	23.2	154	19.8	46	52.9	127	29.0	96	24.5	31	67.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	6160	8.2	3663	6.6	2496	13.2	59	6.8	48	6.2	11	12.6	33	7.5	23	5.9	10	21.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	770	10.3	449	8.0	321	16.9	9	10.4	8	10.3	1	11.5	5	11.4	5	12.8	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	490	6.5	282	5.0	208	11.0	6	7.0	5	6.4	1	11.5	2	4.6	2	5.1	-	-
UNDER 7 DAYS OF AGE	380	5.1	221	4.0	159	8.4	4	4.6	4	5.2	-	-	2	4.6	2	5.1	-	-
7-27 DAYS OF AGE	110	1.5	61	1.1	49	2.6	2	2.3	1	1.3	1	11.5	-	-	-	-	-	-
FETAL DEATHS	442	5.9	283	5.1	158	8.3	2	2.3	2	2.6	-	-	4	9.1	2	5.1	2	43.5
INDUCED ABORTIONS	19641	262.3	12437	220.0	7170	391.1	250	289.7	226	287.5	24	311.7	51	116.4	43	108.9	8	186.0
TOTAL DEATHS	46204	9.5	38348	9.5	7856	9.5	644	9.4	623	9.6	21	5.8	308	10.1	265	9.8	43	13.0
CAUSE OF DEATH																		
SEPTICEMIA (038)	257	5.3	188	4.6	69	8.3	2	2.9	2	3.1	-	-	2	6.6	2	7.4	-	-
MALIGNANT NEOPLASMS (140-208)	10504	215.4	8793	217.2	1711	206.4	167	244.7	162	250.7	5	-	76	249.9	68	251.0	8	-
DIABETES MELLITUS (250)	914	18.7	723	17.9	191	23.0	8	11.7	7	10.8	1	-	6	19.7	6	22.1	-	-
DISEASES OF HEART (390-398,402,404-429)........	15415	316.1	13030	321.9	2385	287.7	179	262.3	173	267.7	6	-	103	338.7	85	313.7	18	-
CEREBROVASCULAR DISEASE (430-438)..............	3622	74.3	2976	73.5	646	77.9	44	64.5	44	68.1	-	-	20	65.8	15	55.4	5	-
ATHEROSCLEROSIS (440)	405	8.3	364	9.0	41	4.9	12	17.6	12	18.6	-	-	2	6.6	2	7.4	-	-
PNEUMONIA AND INFLUENZA (480-487)	1696	34.8	1457	36.0	239	28.8	31	45.4	30	46.4	1	-	13	42.7	12	44.3	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).............	1876	38.5	1687	41.7	189	22.8	28	41.0	28	43.3	-	-	16	52.6	15	55.4	1	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	508	10.4	411	10.2	97	11.7	10	14.7	10	15.5	-	-	4	13.2	4	14.8	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	400	8.2	289	7.1	111	13.4	6	8.8	6	9.3	-	-	7	23.0	5	18.5	2	-
CONGENITAL ANOMALIES (740-759)	253	5.2	181	4.5	72	8.7	6	8.8	5	7.7	1	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	367	7.5	193	4.8	174	21.0	1	1.5	1	1.5	-	-	2	6.6	2	7.4	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	868	17.8	695	17.2	173	20.9	25	36.6	22	34.0	3	-	2	6.6	2	7.4	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	2264	46.4	1904	47.0	360	43.4	28	41.0	28	43.3	-	-	14	46.0	12	44.3	2	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	1210	24.8	1039	25.7	171	20.6	16	23.4	16	24.8	-	-	8	26.3	6	22.1	2	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	1054	21.6	865	21.4	189	22.8	12	17.6	12	18.6	-	-	6	19.7	6	22.1	-	-
SUICIDE (E950-E959)	654	13.4	579	14.3	75	9.0	13	19.0	13	20.1	-	-	2	6.6	2	7.4	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ...	564	11.6	240	5.9	324	39.1	4	5.9	4	6.2	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	5637	115.6	4638	114.6	999	120.5	80	117.2	76	117.6	4	-	39	128.2	33	121.8	6	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	BENTON						BLEDSOE						BLOUNT					
1990 CENSUS POPULATION	ALL RACES 14,524		WHITE 14,109		OTHER RACES 415		ALL RACES 9,669		WHITE 9,242		OTHER RACES 427		ALL RACES 85,969		WHITE 82,503		OTHER RACES 3,466	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	181	12.5	173	12.3	8	19.3	123	12.7	120	13.0	3	7.0	1142	13.3	1068	12.9	73	21.1
ILLEGITIMATE BIRTHS	33	18.2	27	15.6	6	-	24	19.5	22	18.3	2	-	201	17.6	161	15.1	40	54.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	15	8.3	14	8.1	1	-	3	2.4	3	2.5	-	-	72	6.3	68	6.4	4	5.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	16.6	3	17.3	-	-	-	-	-	-	-	-	11	9.6	10	9.4	1	13.7
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3	16.6	3	17.3	-	-	-	-	-	-	-	-	7	6.1	7	6.6	-	-
UNDER 7 DAYS OF AGE	2	11.0	2	11.6	-	-	-	-	-	-	-	-	7	6.1	7	6.6	-	-
7-27 DAYS OF AGE	1	5.5	1	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	2	11.0	2	11.6	-	-	-	-	-	-	-	-	4	3.5	4	3.7	-	-
INDUCED ABORTIONS	13	71.8	11	63.6	2	-	2	16.3	1	8.3	1	-	264	231.2	243	226.5	21	308.8
TOTAL DEATHS	190	13.1	185	13.1	5	12.0	93	9.6	92	10.0	1	2.3	800	9.3	764	9.3	36	10.4
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	6.9	1	7.1	-	-	-	-	-	-	-	-	3	3.5	3	3.6	-	-
MALIGNANT NEOPLASMS (140-208)	46	316.7	45	318.9	1	-	16	165.5	16	173.1	-	-	194	225.7	186	225.4	8	-
DIABETES MELLITUS (250)	5	34.4	5	35.4	-	-	5	51.7	5	54.1	-	-	13	15.1	12	14.5	1	-
DISEASES OF HEART (390-398,402,404-429)	65	447.5	63	446.5	2	-	32	331.0	31	335.4	1	-	229	266.4	219	265.4	10	-
CEREBROVASCULAR DISEASE (430-438)	13	89.5	13	92.1	-	-	8	82.7	8	86.6	-	-	74	86.1	74	89.7	-	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	-	-	-	-	-	-	6	7.0	6	7.3	-	-
PNEUMONIA AND INFLUENZA (480-487)	19	130.8	17	120.5	2	-	4	41.4	4	43.3	-	-	31	36.1	31	37.6	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5	34.4	5	35.4	-	-	4	41.4	4	43.3	-	-	22	25.6	20	24.2	2	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	3	31.0	3	32.5	-	-	6	7.0	6	7.3	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	13.8	2	14.2	-	-	-	-	-	-	-	-	10	11.6	8	9.7	2	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	-	-	-	-	-	-	4	4.7	4	4.8	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	13.8	2	14.2	-	-	-	-	-	-	-	-	7	8.1	7	8.5	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	6.9	1	7.1	-	-	-	-	-	-	-	-	27	31.4	25	30.3	2	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	13	89.5	13	92.1	-	-	8	82.7	8	86.6	-	-	41	47.7	40	48.5	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	7	48.2	7	49.6	-	-	3	31.0	3	32.5	-	-	25	29.1	25	30.3	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6	41.3	6	42.5	-	-	5	51.7	5	54.1	-	-	16	18.6	15	18.2	1	-
SUICIDE (E950-E959)	3	20.7	3	21.3	-	-	3	31.0	3	32.5	-	-	10	11.6	10	12.1	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	6.9	1	7.1	-	-	1	10.3	1	10.8	-	-	2	2.3	2	2.4	-	-
ALL OTHER CAUSES	14	96.4	14	99.2	-	-	9	93.1	9	97.4	-	-	121	140.7	111	134.5	10	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	BRADLEY						CAMPBELL						CANNON					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	73,712		70,132		3,580		35,079		34,727		352		10,467		10,236		231	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	1076	14.6	1005	14.3	71	19.8	466	13.3	462	13.3	4	11.4	150	14.3	148	14.5	2	8.7
ILLEGITIMATE BIRTHS	251	23.3	207	20.6	44	62.0	121	26.0	120	26.0	1	-	22	14.7	20	13.5	2	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	69	6.4	58	5.8	11	15.5	31	6.7	31	6.7	-	-	13	8.7	13	8.8	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	8	7.4	8	8.0	-	-	6	12.9	6	13.0	-	-	1	6.7	1	6.8	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4	3.7	4	4.0	-	-	3	6.4	3	6.5	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	3	2.8	3	3.0	-	-	2	4.3	2	4.3	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	1	0.9	1	1.0	-	-	1	2.1	1	2.2	-	-	-	-	-	-	-	-
FETAL DEATHS	11	10.2	10	10.0	1	14.1	2	4.3	2	4.3	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	208	193.3	192	189.7	16	250.0	62	133.0	62	133.9	-	-	16	106.7	16	108.1	-	-
TOTAL DEATHS	585	7.9	559	8.0	26	7.3	361	10.3	358	10.3	3	8.5	115	11.0	113	11.0	2	8.7
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	1.4	1	1.4	-	-	3	8.6	3	8.6	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	148	200.8	138	196.8	10	-	87	248.0	87	250.5	-	-	21	200.6	21	205.2	-	-
DIABETES MELLITUS (250)	16	21.7	15	21.4	1	-	4	11.4	4	11.5	-	-	4	38.2	4	39.1	-	-
DISEASES OF HEART (390-398,402,404-429)	206	279.5	201	286.6	5	-	130	370.6	128	368.6	2	-	39	372.6	38	371.2	1	-
CEREBROVASCULAR DISEASE (430-438)	47	63.8	44	62.7	3	-	26	74.1	26	74.9	-	-	12	114.6	12	117.2	-	-
ATHEROSCLEROSIS (440)	4	5.4	4	5.7	-	-	2	5.7	2	5.8	-	-	1	9.6	1	9.8	-	-
PNEUMONIA AND INFLUENZA (480-487)	24	32.6	24	34.2	-	-	17	48.5	17	49.0	-	-	3	28.7	3	29.3	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	18	24.4	18	25.7	-	-	12	34.2	12	34.6	-	-	9	86.0	9	87.9	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7	9.5	7	10.0	-	-	2	5.7	2	5.8	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	2.7	2	2.9	-	-	3	8.6	3	8.6	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	2	2.7	2	2.9	-	-	4	11.4	4	11.5	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	2.7	2	2.9	-	-	1	2.9	1	2.9	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	11	14.9	11	15.7	-	-	4	11.4	4	11.5	-	-	1	9.6	1	9.8	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	24	32.6	23	32.8	1	-	14	39.9	14	40.3	-	-	10	95.5	9	87.9	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	10	13.6	10	14.3	-	-	7	20.0	7	20.2	-	-	8	76.4	7	68.4	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	14	19.0	13	18.5	1	-	7	20.0	7	20.2	-	-	2	19.1	2	19.5	-	-
SUICIDE (E950-E959)	8	10.9	8	11.4	-	-	8	22.8	8	23.0	-	-	-	-	-	-	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	4	5.4	3	4.3	1	-	3	8.6	3	8.6	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	61	82.8	56	79.8	5	-	41	116.9	40	115.2	1	-	15	143.3	15	146.5	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	CARROLL						CARTER						CHEATHAM					
1990 CENSUS POPULATION	ALL RACES 27,514		WHITE 24,303		OTHER RACES 3,211		ALL RACES 51,505		WHITE 50,763		OTHER RACES 742		ALL RACES 27,140		WHITE 26,460		OTHER RACES 680	
	NC.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	365	13.3	317	13.0	48	14.9	591	11.5	573	11.3	18	24.3	420	15.5	414	15.6	6	8.8
ILLEGITIMATE BIRTHS	77	21.1	53	16.7	24	50.0	122	20.6	111	19.4	11	61.1	62	14.8	60	14.5	2	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	27	7.4	24	7.6	3	6.3	48	8.1	45	7.9	3	16.7	25	6.0	25	6.0	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	7	19.2	7	22.1	-	-	4	6.8	4	7.0	-	-	1	2.4	1	2.4	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4	11.0	4	12.6	-	-	4	6.8	4	7.0	-	-	1	2.4	1	2.4	-	-
UNDER 7 DAYS OF AGE	2	5.5	2	6.3	-	-	2	3.4	2	3.5	-	-	1	2.4	1	2.4	-	-
7-27 DAYS OF AGE	2	5.5	2	6.3	-	-	2	3.4	2	3.5	-	-	-	-	-	-	-	-
FETAL DEATHS	2	5.5	2	6.3	-	-	1	1.7	1	1.7	-	-	1	2.4	1	2.4	-	-
INDUCED ABORTIONS	62	169.9	50	155.8	12	272.7	61	103.2	60	104.0	1	71.4	68	161.9	66	159.0	2	-
TOTAL DEATHS	386	14.0	350	14.4	36	11.2	576	11.2	570	11.2	6	8.1	214	7.9	206	7.8	8	11.8
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	3	5.8	3	5.9	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	86	312.6	74	304.5	12	-	130	252.4	126	248.2	4	-	68	250.6	64	241.9	4	-
DIABETES MELLITUS (250)	3	10.9	2	8.2	1	-	17	33.0	17	33.5	-	-	7	25.8	6	22.7	1	-
DISEASES OF HEART (390-398,402,404-429)........	148	537.9	138	567.8	10	-	200	388.3	199	392.0	1	-	59	217.4	58	219.2	1	-
CEREBROVASCULAR DISEASE (430-438).............	34	123.6	33	135.8	1	-	35	68.0	35	68.9	-	-	13	47.9	12	45.4	1	-
ATHEROSCLEROSIS (440)	5	18.2	5	20.6	-	-	3	5.8	3	5.9	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	5	18.2	4	16.5	1	-	16	31.1	15	29.5	1	-	7	25.8	7	26.5	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).............	21	76.3	18	74.1	3	-	22	42.7	22	43.3	-	-	15	55.3	15	56.7	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	10.9	3	12.3	-	-	10	19.4	10	19.7	-	-	2	7.4	2	7.6	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	10.9	2	8.2	1	-	5	9.7	5	9.8	-	-	1	3.7	-	-	1	-
CONGENITAL ANOMALIES (740-759)	1	3.6	1	4.1	-	-	1	1.9	1	2.0	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	7.3	2	8.2	-	-	3	5.8	3	5.9	-	-	1	3.7	1	3.8	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	10.9	3	12.3	-	-	5	9.7	5	9.8	-	-	1	3.7	1	3.8	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	21	76.3	17	70.0	4	-	28	54.4	28	55.2	-	-	12	44.2	12	45.4	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	10	36.3	6	24.7	4	-	9	17.5	9	17.7	-	-	8	29.5	8	30.2	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	11	40.0	11	45.3	-	-	19	36.9	19	37.4	-	-	4	14.7	4	15.1	-	-
SUICIDE (E950-E959)	3	10.9	2	8.2	1	-	10	19.4	10	19.7	-	-	5	18.4	5	18.9	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ...	1	3.6	1	4.1	-	-	4	7.8	4	7.9	-	-	1	3.7	1	3.8	-	-
ALL OTHER CAUSES	47	170.8	45	185.2	2	-	84	163.1	84	165.5	-	-	22	81.1	22	83.1	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	CHESTER						CLAIBORNE						CLAY					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	12,819		11,355		1,464		26,137		25,701		436		7,238		7,103		135	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	146	11.4	118	10.4	28	19.1	347	13.3	342	13.3	5	11.5	90	12.4	89	12.5	1	7.4
ILLEGITIMATE BIRTHS	31	21.2	14	11.9	17	60.7	51	14.7	50	14.6	1	-	22	24.4	21	23.6	1	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	5	3.4	4	3.4	1	3.6	15	4.3	15	4.4	-	-	3	3.3	3	3.4	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	-	-	-	-	-	-	6	17.3	6	17.5	-	-	1	11.1	1	11.2	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	4	11.5	4	11.7	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	1	2.9	1	2.9	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	3	8.6	3	8.8	-	-	-	-	-	-	-	-
FETAL DEATHS	-	-	-	-	-	-	3	8.6	3	8.8	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	34	232.9	28	231.4	6	240.0	62	178.7	60	174.9	2	-	9	100.0	8	89.9	1	-
TOTAL DEATHS	124	9.7	110	9.7	14	9.6	262	10.0	259	10.1	3	6.9	88	12.2	85	12.0	3	22.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	1	3.8	1	3.9	-	-	1	13.8	1	14.1	-	-
MALIGNANT NEOPLASMS (140-208)	23	179.4	16	140.9	7	-	57	218.1	56	217.9	1	-	21	290.1	21	295.6	-	-
DIABETES MELLITUS (250)	1	7.8	1	8.8	-	-	6	23.0	5	19.5	1	-	2	27.6	2	28.2	-	-
DISEASES OF HEART (390-398,402,404-429)	45	351.0	41	361.1	4	-	111	424.7	111	431.9	-	-	32	442.1	32	450.5	-	-
CEREBROVASCULAR DISEASE (430-438)	16	124.8	14	123.3	2	-	12	45.9	12	46.7	-	-	5	69.1	4	56.3	1	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	-	-	-	-	-	-	3	41.4	3	42.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	6	46.8	6	52.8	-	-	17	65.0	17	66.1	-	-	3	41.4	3	42.2	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5	39.0	4	35.2	1	-	6	23.0	6	23.3	-	-	3	41.4	3	42.2	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	5	19.1	5	19.5	-	-	2	27.6	2	28.2	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-	1	3.8	1	3.9	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	2	7.7	2	7.8	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	15.6	2	17.6	-	-	3	11.5	3	11.7	-	-	1	13.8	1	14.1	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	10	78.0	10	88.1	-	-	12	45.9	12	46.7	-	-	3	41.4	3	42.2	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	8	62.4	8	70.5	-	-	6	23.0	6	23.3	-	-	3	41.4	3	42.2	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	15.6	2	17.6	-	-	6	23.0	6	23.3	-	-	-	-	-	-	-	-
SUICIDE (E950-E959)	1	7.8	1	8.8	-	-	7	26.8	6	23.3	1	-	-	-	-	-	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	7.8	1	8.8	-	-	1	3.8	1	3.9	-	-	2	27.6	1	14.1	1	-
ALL OTHER CAUSES	14	109.2	14	123.3	-	-	21	80.3	21	81.7	-	-	10	138.2	9	126.7	1	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	COCKE						COFFEE						CROCKETT					
1990 CENSUS POPULATION	ALL RACES 29,141		WHITE 28,398		OTHER RACES 743		ALL RACES 40,339		WHITE 38,459		OTHER RACES 1,880		ALL RACES 13,378		WHITE 11,097		OTHER RACES 2,281	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	407	14.0	394	13.9	13	17.5	662	16.4	622	16.2	40	21.3	175	13.1	135	12.2	40	17.5
ILLEGITIMATE BIRTHS	129	31.7	119	30.2	10	76.9	147	22.2	124	19.9	23	57.5	43	24.6	18	13.3	25	62.5
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	35	8.6	35	8.9	-	-	50	7.6	46	7.4	4	10.0	11	6.3	8	5.9	3	7.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	4.9	2	5.1	-	-	6	9.1	5	8.0	1	25.0	4	22.9	2	14.8	2	50.0
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	2.5	1	2.5	-	-	5	7.6	4	6.4	1	25.0	1	5.7	-	-	1	25.0
UNDER 7 DAYS OF AGE	1	2.5	1	2.5	-	-	5	7.6	4	6.4	1	25.0	1	5.7	-	-	1	25.0
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	5	12.3	5	12.7	-	-	1	1.5	1	1.6	-	-	1	5.7	-	-	1	25.0
INDUCED ABORTIONS	80	196.6	75	188.0	5	-	107	161.6	103	164.0	4	117.6	29	165.7	20	148.1	9	225.0
TOTAL DEATHS	327	11.2	321	11.3	6	8.1	381	9.4	370	9.6	11	5.9	181	13.5	149	13.4	32	14.0
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	3.4	1	3.5	-	-	-	-	-	-	-	-	1	7.5	1	9.0	-	-
MALIGNANT NEOPLASMS (140-208)	72	247.1	72	253.5	-	-	91	225.6	88	228.8	3	-	36	269.1	28	252.3	8	-
DIABETES MELLITUS (250)	8	27.5	8	28.2	-	-	6	14.9	6	15.6	-	-	2	14.9	1	9.0	1	-
DISEASES OF HEART (390-398,402,404-429)	112	384.3	109	383.8	3	-	153	379.3	149	387.4	4	-	69	515.8	59	531.7	10	-
CEREBROVASCULAR DISEASE (430-438)	36	123.5	35	123.2	1	-	24	59.5	24	62.4	-	-	12	89.7	7	63.1	5	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	1	2.5	1	2.6	-	-	19	142.0	17	153.2	2	-
PNEUMONIA AND INFLUENZA (480-487)	8	27.5	7	24.6	1	-	15	37.2	15	39.0	-	-	5	37.4	4	36.0	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	13	44.6	13	45.8	-	-	15	37.2	15	39.0	-	-	5	37.4	4	36.0	1	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	3.4	1	3.5	-	-	4	9.9	4	10.4	-	-	1	7.5	1	9.0	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	3.4	1	3.5	-	-	4	9.9	4	10.4	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	1	2.5	1	2.6	-	-	3	22.4	2	18.0	1	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.4	1	3.5	-	-	4	9.9	3	7.8	1	-	1	7.5	-	-	1	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4	13.7	4	14.1	-	-	6	14.9	5	13.0	1	-	2	14.9	2	18.0	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	23	78.9	23	81.0	-	-	15	37.2	13	33.8	2	-	5	37.4	3	27.0	2	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	12	41.2	12	42.3	-	-	6	14.9	5	13.0	1	-	2	14.9	1	9.0	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	11	37.7	11	38.7	-	-	9	22.3	8	20.8	1	-	3	22.4	2	18.0	1	-
SUICIDE (E950-E959)	3	10.3	3	10.6	-	-	5	12.4	5	13.0	-	-	6	44.8	6	54.1	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	5	17.2	5	17.6	-	-	2	5.0	2	5.2	-	-	1	7.5	1	9.0	-	-
ALL OTHER CAUSES	39	133.8	38	133.8	1	-	35	86.8	35	91.0	-	-	13	97.2	13	117.1	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	CUMBERLAND						DAVIDSON						DECATUR					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	34,736		34,475		261		510,784		381,740		129,044		10,472		10,000		472	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	423	12.2	422	12.2	1	3.8	8706	17.0	5856	15.3	2847	22.1	123	11.7	114	11.4	9	19.1
ILLEGITIMATE BIRTHS	98	23.2	98	23.2	-	-	3094	35.5	1176	20.1	1918	67.4	24	19.5	16	14.0	8	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	37	8.7	37	8.8	-	-	787	9.0	405	6.9	382	13.4	9	7.3	9	7.9	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	4.7	2	4.7	-	-	83	9.5	36	6.1	47	16.5	1	8.1	1	8.8	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	2.4	1	2.4	-	-	53	6.1	26	4.4	27	9.5	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	1	2.4	1	2.4	-	-	45	5.2	23	3.9	22	7.7	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	8	0.9	3	0.5	5	1.8	-	-	-	-	-	-
FETAL DEATHS	3	7.1	3	7.1	-	-	48	5.5	23	3.9	25	8.8	-	-	-	-	-	-
INDUCED ABORTIONS	86	203.3	86	203.3	-	-	2488	285.8	1629	273.2	854	311.6	27	219.5	25	217.4	2	-
TOTAL DEATHS	367	10.6	365	10.6	2	7.7	4605	9.0	3458	9.1	1147	8.9	148	14.1	140	14.0	8	16.9
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	25	4.9	21	5.5	4	3.1	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	100	287.9	100	290.1	-	-	1037	203.0	767	200.9	270	209.2	30	286.5	29	290.0	1	-
DIABETES MELLITUS (250)	7	20.2	7	20.3	-	-	97	19.0	67	17.6	30	23.2	2	19.1	2	20.0	-	-
DISEASES OF HEART (390-398,402,404-429)	116	333.9	116	336.5	-	-	1539	301.3	1191	312.0	348	269.7	64	611.2	59	590.0	5	-
CEREBROVASCULAR DISEASE (430-438)	27	77.7	27	78.3	-	-	344	67.3	273	71.5	71	55.0	11	105.0	11	110.0	-	-
ATHEROSCLEROSIS (440)	6	17.3	6	17.4	-	-	18	3.5	17	4.5	1	0.8	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	19	54.7	19	55.1	-	-	186	36.4	142	37.2	44	34.1	5	47.7	4	40.0	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	19	54.7	19	55.1	-	-	185	36.2	156	40.9	29	22.5	8	76.4	7	70.0	1	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4	11.5	4	11.6	-	-	56	11.0	38	10.0	18	13.9	1	9.5	1	10.0	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	7	20.2	7	20.3	-	-	48	9.4	34	8.9	14	10.8	1	9.5	1	10.0	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	30	5.9	18	4.7	12	9.3	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	39	7.6	18	4.7	21	16.3	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	2.9	1	2.9	-	-	33	6.5	21	5.5	12	9.3	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	23	66.2	21	60.9	2	-	199	39.0	137	35.9	62	48.0	10	95.5	10	100.0	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	13	37.4	12	34.8	1	-	115	22.5	82	21.5	33	25.6	4	38.2	4	40.0	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	10	28.8	9	26.1	1	-	84	16.4	55	14.4	29	22.5	6	57.3	6	60.0	-	-
SUICIDE (E950-E959)	5	14.4	5	14.5	-	-	67	13.1	57	14.9	10	7.7	3	28.6	3	30.0	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	2.9	1	2.9	-	-	73	14.3	26	6.8	47	36.4	1	9.5	1	10.0	-	-
ALL OTHER CAUSES	32	92.1	32	92.8	-	-	629	123.1	475	124.4	154	119.3	12	114.6	12	120.0	-	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	DEKALB						DICKSON						DYER					
1990 CENSUS POPULATION	ALL RACES 14,360		WHITE 14,074		OTHER RACES 286		ALL RACES 35,061		WHITE 33,145		OTHER RACES 1,916		ALL RACES 34,854		WHITE 30,541		OTHER RACES 4,313	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	174	12.1	171	12.2	3	10.5	572	16.3	488	14.7	84	43.8	550	15.8	442	14.5	108	25.0
ILLEGITIMATE BIRTHS	32	18.4	32	18.7	-	-	142	24.8	99	20.3	43	51.2	148	26.9	71	16.1	77	71.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	10	5.7	10	5.8	-	-	37	6.5	29	5.9	8	9.5	53	9.6	32	7.2	21	19.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	11.5	2	11.7	-	-	11	19.2	8	16.4	3	35.7	7	12.7	4	9.0	3	27.8
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	5.7	1	5.8	-	-	9	15.7	6	12.3	3	35.7	5	9.1	2	4.5	3	27.8
UNDER 7 DAYS OF AGE	1	5.7	1	5.8	-	-	7	12.2	5	10.2	2	23.8	4	7.3	1	2.3	3	27.8
7-27 DAYS OF AGE	-	-	-	-	-	-	2	3.5	1	2.0	1	11.9	1	1.8	1	2.3	-	-
FETAL DEATHS	1	5.7	1	5.8	-	-	5	8.7	5	10.2	-	-	2	3.6	2	4.5	-	-
INDUCED ABORTIONS	21	120.7	21	122.8	-	-	75	131.1	67	132.1	8	123.1	90	163.6	66	148.6	24	226.4
TOTAL DEATHS	185	12.9	181	12.9	4	14.0	354	10.1	325	9.8	29	15.1	388	11.1	344	11.3	44	10.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	7.0	1	7.1	-	-	-	-	-	-	-	-	4	11.5	2	6.5	2	-
MALIGNANT NEOPLASMS (140-208)	41	285.5	40	284.2	1	-	81	231.0	72	217.2	9	-	63	180.8	57	186.6	6	-
DIABETES MELLITUS (250)	-	-	-	-	-	-	10	28.5	8	24.1	2	-	7	20.1	7	22.9	-	-
DISEASES OF HEART (390-398,402,404-429)	65	452.6	63	447.6	2	-	108	308.0	105	316.8	3	-	129	370.1	118	386.4	11	-
CEREBROVASCULAR DISEASE (430-438)	11	76.6	11	78.2	-	-	31	88.4	28	84.5	3	-	20	57.4	19	62.2	1	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	1	2.9	1	3.0	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	7	48.7	7	49.7	-	-	15	42.8	14	42.2	1	-	16	45.9	12	39.3	4	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	4	27.9	4	28.4	-	-	14	39.9	14	42.2	-	-	21	60.3	21	68.8	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	7.0	1	7.1	-	-	2	5.7	2	6.0	-	-	4	11.5	4	13.1	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5	34.8	5	35.5	-	-	6	17.1	4	12.1	2	-	3	8.6	2	6.5	1	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	4	11.4	3	9.1	1	-	3	8.6	3	9.8	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	13.9	2	14.2	-	-	5	14.3	3	9.1	2	-	4	11.5	1	3.3	3	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	20.9	3	21.3	-	-	6	17.1	6	18.1	-	-	30	86.1	25	81.9	5	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	9	62.7	8	56.8	1	-	22	62.7	21	63.4	1	-	21	60.3	19	62.2	2	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	6	41.8	6	42.6	-	-	18	51.3	17	51.3	1	-	12	34.4	12	39.3	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3	20.9	2	14.2	1	-	4	11.4	4	12.1	-	-	9	25.8	7	22.9	2	-
SUICIDE (E950-E959)	5	34.8	5	35.5	-	-	4	11.4	4	12.1	-	-	2	5.7	2	6.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	13.9	2	14.2	-	-	1	2.9	1	3.0	-	-	9	25.8	3	9.8	6	-
ALL OTHER CAUSES	29	201.9	29	206.1	-	-	44	125.5	39	117.7	5	-	52	149.2	49	160.4	3	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	FAYETTE						FENTRESS						FRANKLIN					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	25,559		14,204		11,355		14,669		14,636		33		34,725		32,425		2,300	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	374	14.6	198	13.9	175	15.4	172	11.7	172	11.8	-	-	419	12.1	391	12.1	28	12.2
ILLEGITIMATE BIRTHS	155	41.4	26	13.1	128	73.1	26	15.1	26	15.1	-	-	81	19.3	65	16.6	16	57.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	20	5.3	8	4.0	12	6.9	11	6.4	11	6.4	-	-	38	9.1	33	8.4	5	17.9
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4	10.7	1	5.1	3	17.1	3	17.4	3	17.4	-	-	5	11.9	5	12.8	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	2.7	-	-	1	5.7	2	11.6	2	11.6	-	-	3	7.2	3	7.7	-	-
UNDER 7 DAYS OF AGE	1	2.7	-	-	1	5.7	1	5.8	1	5.8	-	-	3	7.2	3	7.7	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	1	5.8	1	5.8	-	-	-	-	-	-	-	-
FETAL DEATHS	-	-	-	-	-	-	-	-	-	-	-	-	3	7.2	2	5.1	1	35.7
INDUCED ABORTIONS	90	240.6	35	175.9	55	316.1	23	133.7	23	133.7	-	-	87	207.6	82	207.6	4	166.7
TOTAL DEATHS	257	10.1	131	9.2	126	11.1	152	10.4	152	10.4	-	-	325	9.4	308	9.5	17	7.4
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	7.8	1	7.0	1	8.8	-	-	-	-	-	-	2	5.8	2	6.2	-	-
MALIGNANT NEOPLASMS (140-208)	63	246.5	32	225.3	31	273.0	35	238.6	35	239.1	-	-	68	195.8	63	194.3	5	-
DIABETES MELLITUS (250)	5	19.6	1	7.0	4	35.2	1	6.8	1	6.8	-	-	5	14.4	3	9.3	2	-
DISEASES OF HEART (390-398,402,404-429)	75	293.4	40	281.6	35	308.2	55	374.9	55	375.8	-	-	129	371.5	121	373.2	8	-
CEREBROVASCULAR DISEASE (430-438)	31	121.3	16	112.6	15	132.1	12	81.8	12	82.0	-	-	16	46.1	16	49.3	-	-
ATHEROSCLEROSIS (440)	2	7.8	2	14.1	-	-	6	40.9	6	41.0	-	-	2	5.8	2	6.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	8	31.3	6	42.2	2	17.6	7	47.7	7	47.8	-	-	9	25.9	9	27.8	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	7	27.4	5	35.2	2	17.6	10	68.2	10	68.3	-	-	14	40.3	14	43.2	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	11.7	-	-	3	26.4	-	-	-	-	-	-	3	8.6	3	9.3	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	3.9	-	-	1	8.8	2	13.6	2	13.7	-	-	4	11.5	4	12.3	-	-
CONGENITAL ANOMALIES (740-759)	2	7.8	1	7.0	1	8.8	1	6.8	1	6.8	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.9	-	-	1	8.8	2	13.6	2	13.7	-	-	3	8.6	3	9.3	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	19	74.3	8	56.3	11	96.9	-	-	-	-	-	-	4	11.5	4	12.3	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	14	54.8	5	35.2	9	79.3	5	34.1	5	34.2	-	-	20	57.6	20	61.7	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	7	27.4	3	21.1	4	35.2	2	13.6	2	13.7	-	-	8	23.0	8	24.7	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7	27.4	2	14.1	5	44.0	3	20.5	3	20.5	-	-	12	34.6	12	37.0	-	-
SUICIDE (E950-E959)	3	11.7	2	14.1	1	8.8	1	6.8	1	6.8	-	-	5	14.4	4	12.3	1	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	11.7	2	14.1	1	8.8	1	6.8	1	6.8	-	-	5	14.4	5	15.4	-	-
ALL OTHER CAUSES	18	70.4	10	70.4	8	70.5	14	95.4	14	95.7	-	-	36	103.7	35	107.9	1	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	GIBSON						GILES						GRAINGER					
1990 CENSUS POPULATION	ALL RACES 46,315		WHITE 37,237		OTHER RACES 9,078		ALL RACES 25,741		WHITE 22,184		OTHER RACES 3,557		ALL RACES 17,095		WHITE 16,939		OTHER RACES 156	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	689	14.9	489	13.1	200	22.0	378	14.7	317	14.3	61	17.1	210	12.3	210	12.4	-	-
ILLEGITIMATE BIRTHS	204	29.6	67	13.7	137	68.5	99	26.2	56	17.7	43	70.5	35	16.7	35	16.7	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	63	9.1	31	6.3	32	16.0	35	9.3	25	7.9	10	16.4	31	14.8	31	14.8	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	10	14.5	6	12.3	4	20.0	1	2.6	1	3.2	-	-	3	14.3	3	14.3	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4	5.8	3	6.1	1	5.0	1	2.6	1	3.2	-	-	2	9.5	2	9.5	-	-
UNDER 7 DAYS OF AGE	2	2.9	2	4.1	-	-	1	2.6	1	3.2	-	-	2	9.5	2	9.5	-	-
7-27 DAYS OF AGE	2	2.9	1	2.0	1	5.0	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	5	7.3	1	2.0	4	20.0	5	13.2	3	9.5	2	32.8	2	9.5	2	9.5	-	-
INDUCED ABORTIONS	88	127.7	60	121.7	28	142.9	50	132.3	32	99.4	17	303.6	38	181.0	37	176.2	1	-
TOTAL DEATHS	595	12.8	505	13.6	90	9.9	295	11.5	263	11.9	32	9.0	168	9.8	167	9.9	1	6.4
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	4.3	2	5.4	-	-	4	15.5	3	13.5	1	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	127	274.2	110	295.4	17	187.3	64	248.6	58	261.4	6	-	39	228.1	39	230.2	-	-
DIABETES MELLITUS (250)	11	23.8	9	24.2	2	22.0	5	19.4	4	18.0	1	-	5	29.2	4	23.6	1	-
DISEASES OF HEART (390-398,402,404-429)	232	500.9	203	545.2	29	319.5	109	423.4	97	437.3	12	-	54	315.9	54	318.8	-	-
CEREBROVASCULAR DISEASE (430-438)	54	116.6	44	118.2	10	110.2	20	77.7	17	76.6	3	-	14	81.9	14	82.6	-	-
ATHEROSCLEROSIS (440)	11	23.8	9	24.2	2	22.0	1	3.9	1	4.5	-	-	1	5.8	1	5.9	-	-
PNEUMONIA AND INFLUENZA (480-487)	14	30.2	13	34.9	1	11.0	15	58.3	12	54.1	3	-	4	23.4	4	23.6	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	23	49.7	21	56.4	2	22.0	9	35.0	8	36.1	1	-	6	35.1	6	35.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	6.5	3	8.1	-	-	2	7.8	2	9.0	-	-	3	17.5	3	17.7	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	12	25.9	6	16.1	6	66.1	1	3.9	1	4.5	-	-	1	5.8	1	5.9	-	-
CONGENITAL ANOMALIES (740-759)	3	6.5	2	5.4	1	11.0	2	7.8	2	9.0	-	-	1	5.8	1	5.9	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	5	10.8	4	10.7	1	11.0	1	3.9	1	4.5	-	-	2	11.7	2	11.8	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	7	15.1	3	8.1	4	44.1	1	3.9	1	4.5	-	-	12	70.2	12	70.8	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	19	41.0	17	45.7	2	22.0	17	66.0	16	72.1	1	-	9	52.6	9	53.1	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	12	25.9	11	29.5	1	11.0	9	35.0	9	40.6	-	-	5	29.2	5	29.5	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7	15.1	6	16.1	1	11.0	8	31.1	7	31.6	1	-	4	23.4	4	23.6	-	-
SUICIDE (E950-E959)	2	4.3	2	5.4	-	-	3	11.7	3	13.5	-	-	1	5.8	1	5.9	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	2.2	-	-	1	11.0	3	11.7	2	9.0	1	-	2	11.7	2	11.8	-	-
ALL OTHER CAUSES	69	149.0	57	153.1	12	132.2	38	147.6	35	157.8	3	-	14	81.9	14	82.6	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	GREENE						GRUNDY						HAMBLEN					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	55,853		54,440		1,413		13,362		13,294		68		50,480		47,891		2,589	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	674	12.1	655	12.0	19	13.4	184	13.8	184	13.8	-	-	741	14.7	686	14.3	55	21.2
ILLEGITIMATE BIRTHS	171	25.4	158	24.1	13	68.4	48	26.1	48	26.1	-	-	180	24.3	149	21.7	31	56.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	59	8.8	53	8.1	6	31.6	18	9.8	18	9.8	-	-	49	6.6	44	6.4	5	9.1
INFANT DEATHS (UNDER ONE YEAR OF AGE)	12	17.8	12	18.3	-	-	4	21.7	4	21.7	-	-	10	13.5	10	14.6	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	9	13.4	9	13.7	-	-	1	5.4	1	5.4	-	-	6	8.1	6	8.7	-	-
UNDER 7 DAYS OF AGE	8	11.9	8	12.2	-	-	1	5.4	1	5.4	-	-	4	5.4	4	5.8	-	-
7-27 DAYS OF AGE	1	1.5	1	1.5	-	-	-	-	-	-	-	-	2	2.7	2	2.9	-	-
FETAL DEATHS	6	8.9	6	9.2	-	-	1	5.4	1	5.4	-	-	5	6.7	5	7.3	-	-
INDUCED ABORTIONS	124	184.0	121	183.1	3	230.8	21	114.1	20	108.7	-	-	161	217.3	152	218.4	9	200.0
TOTAL DEATHS	569	10.2	561	10.3	8	5.7	164	12.3	164	12.3	-	-	488	9.7	466	9.7	22	8.5
CAUSE OF DEATH																		
SEPTICEMIA (038)	4	7.2	4	7.3	-	-	4	29.9	4	30.1	-	-	1	2.0	1	2.1	-	-
MALIGNANT NEOPLASMS (140-208)	114	204.1	113	207.6	1	-	26	194.6	26	195.6	-	-	95	188.2	91	190.0	4	-
DIABETES MELLITUS (250)	8	14.3	8	14.7	-	-	2	15.0	2	15.0	-	-	7	13.9	6	12.5	1	-
DISEASES OF HEART (390-398,402,404-429)	177	316.9	175	321.5	2	-	53	396.6	53	398.7	-	-	173	342.7	166	346.6	7	-
CEREBROVASCULAR DISEASE (430-438)	54	96.7	52	95.5	2	-	7	52.4	7	52.7	-	-	64	126.8	62	129.5	2	-
ATHEROSCLEROSIS (440)	6	10.7	6	11.0	-	-	-	-	-	-	-	-	4	7.9	4	8.4	-	-
PNEUMONIA AND INFLUENZA (480-487)	30	53.7	30	55.1	-	-	4	29.9	4	30.1	-	-	16	31.7	14	29.2	2	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	29	51.9	29	53.3	-	-	8	59.9	8	60.2	-	-	20	39.6	19	39.7	1	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7	12.5	7	12.9	-	-	3	22.5	3	22.6	-	-	6	11.9	6	12.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5	9.0	5	9.2	-	-	-	-	-	-	-	-	5	9.9	3	6.3	2	-
CONGENITAL ANOMALIES (740-759)	5	9.0	5	9.2	-	-	1	7.5	1	7.5	-	-	5	9.9	5	10.4	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	5	9.0	5	9.2	-	-	1	7.5	1	7.5	-	-	3	5.9	3	6.3	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	6	10.7	6	11.0	-	-	12	89.8	12	90.3	-	-	3	5.9	2	4.2	1	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	38	68.0	38	69.8	-	-	18	134.7	18	135.4	-	-	35	69.3	34	71.0	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	19	34.0	19	34.9	-	-	9	67.4	9	67.7	-	-	24	47.5	24	50.1	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	19	34.0	19	34.9	-	-	9	67.4	9	67.7	-	-	11	21.8	10	20.9	1	-
SUICIDE (E950-E959)	10	17.9	10	18.4	-	-	-	-	-	-	-	-	7	13.9	6	12.5	1	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	5	9.0	4	7.3	1	-	4	29.9	4	30.1	-	-	3	5.9	3	6.3	-	-
ALL OTHER CAUSES	66	118.2	64	117.6	2	-	21	157.2	21	158.0	-	-	41	81.2	41	85.6	-	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	HAMILTON						HANCOCK						HARDEMAN					
1990 CENSUS POPULATION	ALL RACES 285,536		WHITE 227,413		OTHER RACES 58,123		ALL RACES 6,739		WHITE 6,596		OTHER RACES 143		ALL RACES 23,377		WHITE 14,536		OTHER RACES 8,841	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	4389	15.4	3071	13.5	1318	22.7	85	12.6	85	12.9	-	-	380	16.3	186	12.8	194	21.9
ILLEGITIMATE BIRTHS	1509	34.4	553	18.0	956	72.5	18	21.2	18	21.2	-	-	159	41.8	23	12.4	136	70.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	347	7.9	172	5.6	175	13.3	7	8.2	7	8.2	-	-	35	9.2	12	6.5	23	11.9
INFANT DEATHS (UNDER ONE YEAR OF AGE)	35	8.0	22	7.2	13	9.9	1	11.8	1	11.8	-	-	7	18.4	3	16.1	4	20.6
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	21	4.8	13	4.2	8	6.1	-	-	-	-	-	-	5	13.2	2	10.8	3	15.5
UNDER 7 DAYS OF AGE	12	2.7	8	2.6	4	3.0	-	-	-	-	-	-	2	5.3	-	-	2	10.3
7-27 DAYS OF AGE	9	2.1	5	1.6	4	3.0	-	-	-	-	-	-	3	7.9	2	10.8	1	5.2
FETAL DEATHS	29	6.6	19	6.2	10	7.6	-	-	-	-	-	-	2	5.3	1	5.4	1	5.2
INDUCED ABORTIONS	1293	294.6	880	283.1	406	316.9	9	105.9	9	105.9	-	-	64	168.4	26	139.0	38	196.9
TOTAL DEATHS	2853	10.0	2225	9.8	628	10.8	84	12.5	84	12.7	-	-	287	12.3	203	14.0	84	9.5
CAUSE OF DEATH																		
SEPTICEMIA (038)	19	6.7	10	4.4	9	15.5	1	14.8	1	15.2	-	-	1	4.3	-	-	1	11.3
MALIGNANT NEOPLASMS (140-208)	665	232.9	527	231.7	138	237.4	15	222.6	15	227.4	-	-	52	222.4	38	261.4	14	158.4
DIABETES MELLITUS (250)	54	18.9	42	18.5	12	20.6	2	29.7	2	30.3	-	-	5	21.4	3	20.6	2	22.6
DISEASES OF HEART (390-398,402,404-429)	994	348.1	798	350.9	196	337.2	42	623.2	42	636.7	-	-	90	385.0	65	447.2	25	282.8
CEREBROVASCULAR DISEASE (430-438)	200	70.0	154	67.7	46	79.1	7	103.9	7	106.1	-	-	29	124.1	21	144.5	8	90.5
ATHEROSCLEROSIS (440)	23	8.1	20	8.8	3	5.2	-	-	-	-	-	-	4	17.1	2	13.8	2	22.6
PNEUMONIA AND INFLUENZA (480-487)	122	42.7	98	43.1	24	41.3	1	14.8	1	15.2	-	-	15	64.2	12	82.6	3	33.9
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	130	45.5	110	48.4	20	34.4	3	44.5	3	45.5	-	-	11	47.1	9	61.9	2	22.6
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	31	10.9	22	9.7	9	15.5	-	-	-	-	-	-	2	8.6	1	6.9	1	11.3
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	17	6.0	9	4.0	8	13.8	-	-	-	-	-	-	3	12.8	2	13.8	1	11.3
CONGENITAL ANOMALIES (740-759)	19	6.7	15	6.6	4	6.9	1	14.8	1	15.2	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	15	5.3	8	3.5	7	12.0	-	-	-	-	-	-	6	25.7	3	20.6	3	33.9
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	11	3.9	7	3.1	4	6.9	-	-	-	-	-	-	5	21.4	5	34.4	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	120	42.0	99	43.5	21	36.1	5	74.2	5	75.8	-	-	36	154.0	22	151.3	14	158.4
MOTOR VEHICLE ACCIDENTS (E810-E825)	54	18.9	50	22.0	4	6.9	4	59.4	4	60.6	-	-	27	115.5	17	117.0	10	113.1
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	66	23.1	49	21.5	17	29.2	1	14.8	1	15.2	-	-	9	38.5	5	34.4	4	45.2
SUICIDE (E950-E959)	27	9.5	21	9.2	6	10.3	1	14.8	1	15.2	-	-	2	8.6	2	13.8	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	42	14.7	15	6.6	27	46.5	-	-	-	-	-	-	3	12.8	2	13.8	1	11.3
ALL OTHER CAUSES	364	127.5	270	118.7	94	161.7	6	89.0	6	91.0	-	-	23	98.4	16	110.1	7	79.2

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	HARDIN						HAWKINS						HAYWOOD					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	22,633		21,539		1,094		44,565		43,664		901		19,437		9,676		9,761	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	319	14.1	290	13.5	29	26.5	556	12.5	534	12.2	22	24.4	316	16.3	121	12.5	195	20.0
ILLEGITIMATE BIRTHS	64	20.1	51	17.6	13	44.8	99	17.8	95	17.8	4	18.2	167	52.8	21	17.4	146	74.9
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	18	5.6	13	4.5	5	17.2	46	8.3	44	8.2	2	9.1	30	9.5	11	9.1	19	9.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	3.1	1	3.4	-	-	1	1.8	1	1.9	-	-	2	6.3	1	8.3	1	5.1
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	-	-	-	-	-	-	2	6.3	1	8.3	1	5.1
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	2	6.3	1	8.3	1	5.1
FETAL DEATHS	2	6.3	1	3.4	1	34.5	1	1.8	1	1.9	-	-	5	15.8	-	-	5	25.6
INDUCED ABORTIONS	45	141.1	42	142.4	3	125.0	64	115.1	63	116.2	1	71.4	74	234.2	21	173.6	53	271.8
TOTAL DEATHS	255	11.3	241	11.2	14	12.8	420	9.4	407	9.3	13	14.4	208	10.7	109	11.3	99	10.1
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	2	4.5	2	4.6	-	-	1	5.1	1	10.3	-	-
MALIGNANT NEOPLASMS (140-208)	45	198.8	43	199.6	2	-	83	186.2	77	176.3	6	-	38	195.5	19	196.4	19	194.7
DIABETES MELLITUS (250)	5	22.1	5	23.2	-	-	9	20.2	9	20.6	-	-	8	41.2	3	31.0	5	51.2
DISEASES OF HEART (390-398,402,404-429)	104	459.5	100	464.3	4	-	189	424.1	184	421.4	5	-	79	406.4	42	434.1	37	379.1
CEREBROVASCULAR DISEASE (430-438)	28	123.7	26	120.7	2	-	26	58.3	25	57.3	1	-	24	123.5	14	144.7	10	102.4
ATHEROSCLEROSIS (440)	2	8.8	2	9.3	-	-	1	2.2	1	2.3	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	4	17.7	4	18.6	-	-	9	20.2	9	20.6	-	-	4	20.6	3	31.0	1	10.2
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	12	53.0	10	46.4	2	-	23	51.6	23	52.7	-	-	8	41.2	5	51.7	3	30.7
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	8.8	1	4.6	1	-	2	4.5	2	4.6	-	-	2	10.3	1	10.3	1	10.2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4	17.7	4	18.6	-	-	2	4.5	2	4.6	-	-	3	15.4	2	20.7	1	10.2
CONGENITAL ANOMALIES (740-759)	2	8.8	2	9.3	-	-	1	2.2	1	2.3	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	1	2.2	1	2.3	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	13.3	3	13.9	-	-	4	9.0	4	9.2	-	-	3	15.4	1	10.3	2	20.5
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	18	79.5	17	78.9	1	-	22	49.4	21	48.1	1	-	11	56.6	3	31.0	8	82.0
MOTOR VEHICLE ACCIDENTS (E810-E825)	10	44.2	10	46.4	-	-	9	20.2	8	18.3	1	-	5	25.7	2	20.7	3	30.7
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8	35.3	7	32.5	1	-	13	29.2	13	29.8	-	-	6	30.9	1	10.3	5	51.2
SUICIDE (E950-E959)	3	13.3	3	13.9	-	-	6	13.5	6	13.7	-	-	3	15.4	2	20.7	1	10.2
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	8.8	2	9.3	-	-	1	2.2	1	2.3	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	21	92.8	19	88.2	2	-	39	87.5	39	89.3	-	-	24	123.5	13	134.4	11	112.7

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	HENDERSON						HENRY						HICKMAN					
1990 CENSUS POPULATION	ALL RACES 21,844		WHITE 19,982		OTHER RACES 1,862		ALL RACES 27,888		WHITE 24,955		OTHER RACES 2,933		ALL RACES 16,754		WHITE 15,831		OTHER RACES 923	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	282	12.9	250	12.5	32	17.2	338	12.1	281	11.3	57	19.4	198	11.8	185	11.7	13	14.1
ILLEGITIMATE BIRTHS	63	22.3	44	17.6	19	59.4	93	27.5	56	19.9	37	64.9	43	21.7	35	18.9	8	61.5
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	13	4.6	9	3.6	4	12.5	29	8.6	18	6.4	11	19.3	13	6.6	12	6.5	1	7.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	7.1	2	8.0	-	-	5	14.8	3	10.7	2	35.1	3	15.2	2	10.8	1	76.9
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	7.1	2	8.0	-	-	4	11.8	2	7.1	2	35.1	1	5.1	1	5.4	-	-
UNDER 7 DAYS OF AGE	1	3.5	1	4.0	-	-	4	11.8	2	7.1	2	35.1	1	5.1	1	5.4	-	-
7-27 DAYS OF AGE	1	3.5	1	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	3	10.6	3	12.0	-	-	5	14.8	3	10.7	2	35.1	2	10.1	2	10.8	-	-
INDUCED ABORTIONS	43	152.5	33	129.4	10	370.4	64	189.3	56	197.9	8	145.5	25	126.3	25	133.7	-	-
TOTAL DEATHS	238	10.9	218	10.9	20	10.7	376	13.5	322	12.9	54	18.4	173	10.3	167	10.5	6	6.5
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	4.6	1	5.0	-	-	-	-	-	-	-	-	1	6.0	1	6.3	-	-
MALIGNANT NEOPLASMS (140-208)	49	224.3	45	225.2	4	-	91	326.3	76	304.5	15	-	48	286.5	47	296.9	1	-
DIABETES MELLITUS (250)	7	32.0	4	20.0	3	-	10	35.9	7	28.1	3	-	2	11.9	2	12.6	-	-
DISEASES OF HEART (390-398,402,404-429)	83	380.0	75	375.3	8	-	143	512.8	121	484.9	22	-	59	352.2	58	366.4	1	-
CEREBROVASCULAR DISEASE (430-438)	23	105.3	22	110.1	1	-	33	118.3	30	120.2	3	-	7	41.8	6	37.9	1	-
ATHEROSCLEROSIS (440)	4	18.3	3	15.0	1	-	4	14.3	4	16.0	-	-	2	11.9	2	12.6	-	-
PNEUMONIA AND INFLUENZA (480-487)	11	50.4	11	55.0	-	-	11	39.4	10	40.1	1	-	10	59.7	10	63.2	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	11	50.4	11	55.0	-	-	10	35.9	9	36.1	1	-	8	47.7	8	50.5	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	13.7	2	10.0	1	-	2	7.2	1	4.0	1	-	4	23.9	4	25.3	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	9.2	2	10.0	-	-	4	14.3	3	12.0	1	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	1	4.6	1	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	4.6	1	5.0	-	-	4	14.3	2	8.0	2	-	1	6.0	1	6.3	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	3	10.8	3	12.0	-	-	4	23.9	2	12.6	2	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	17	77.8	16	80.1	1	-	14	50.2	14	56.1	-	-	12	71.6	12	75.8	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	13	59.5	12	60.1	1	-	9	32.3	9	36.1	-	-	9	53.7	9	56.9	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4	18.3	4	20.0	-	-	5	17.9	5	20.0	-	-	3	17.9	3	19.0	-	-
SUICIDE (E950-E959)	2	9.2	2	10.0	-	-	6	21.5	6	24.0	-	-	1	6.0	1	6.3	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	3	10.8	3	12.0	-	-	1	6.0	1	6.3	-	-
ALL OTHER CAUSES	23	105.3	22	110.1	1	-	38	136.3	33	132.2	5	-	13	77.6	12	75.8	1	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	HOUSTON						HUMPHREYS						JACKSON					
1990 CENSUS POPULATION	ALL RACES 7,018		WHITE 6,725		OTHER RACES 293		ALL RACES 15,795		WHITE 15,175		OTHER RACES 620		ALL RACES 9,297		WHITE 9,247		OTHER RACES 50	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	73	10.4	66	9.8	7	23.9	211	13.4	179	11.8	32	51.6	117	12.6	117	12.7	-	-
ILLEGITIMATE BIRTHS	13	17.8	11	16.7	2	-	43	20.4	26	14.5	17	53.1	19	16.2	19	16.2	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	7	9.6	6	9.1	1	-	16	7.6	14	7.8	2	6.3	9	7.7	9	7.7	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	13.7	1	15.2	-	-	1	4.7	1	5.6	-	-	2	17.1	2	17.1	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	13.7	1	15.2	-	-	1	4.7	1	5.6	-	-	1	8.5	1	8.5	-	-
UNDER 7 DAYS OF AGE	1	13.7	1	15.2	-	-	1	4.7	1	5.6	-	-	1	8.5	1	8.5	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	11	150.7	9	134.3	2	-	30	142.2	28	150.5	2	80.0	11	94.0	11	94.0	-	-
TOTAL DEATHS	102	14.5	97	14.4	5	17.1	165	10.4	157	10.3	8	12.9	107	11.5	107	11.6	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	1	6.3	1	6.6	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	22	313.5	22	327.1	-	-	44	278.6	42	276.8	2	-	18	193.6	18	194.7	-	-
DIABETES MELLITUS (250)	3	42.7	2	29.7	1	-	1	6.3	1	6.6	-	-	-	-	-	-	-	-
DISEASES OF HEART (390-398,402,404-429)	39	555.7	36	535.3	3	-	53	335.5	49	322.9	4	-	40	430.2	40	432.6	-	-
CEREBROVASCULAR DISEASE (430-438)	4	57.0	3	44.6	1	-	9	57.0	8	52.7	1	-	8	86.0	8	86.5	-	-
ATHEROSCLEROSIS (440)	1	14.2	1	14.9	-	-	-	-	-	-	-	-	2	21.5	2	21.6	-	-
PNEUMONIA AND INFLUENZA (480-487)	3	42.7	3	44.6	-	-	6	38.0	6	39.5	-	-	2	21.5	2	21.6	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5	71.2	5	74.3	-	-	7	44.3	6	39.5	1	-	3	32.3	3	32.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	14.2	1	14.9	-	-	2	12.7	2	13.2	-	-	1	10.8	1	10.8	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-	1	6.3	1	6.6	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	1	14.2	1	14.9	-	-	-	-	-	-	-	-	1	10.8	1	10.8	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	1	6.3	1	6.6	-	-	1	10.8	1	10.8	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	3	19.0	3	19.8	-	-	5	53.8	5	54.1	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6	85.5	6	89.2	-	-	17	107.6	17	112.0	-	-	7	75.3	7	75.7	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	4	57.0	4	59.5	-	-	8	50.6	8	52.7	-	-	4	43.0	4	43.3	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	28.5	2	29.7	-	-	9	57.0	9	59.3	-	-	3	32.3	3	32.4	-	-
SUICIDE (E950-E959)	1	14.2	1	14.9	-	-	-	-	-	-	-	-	1	10.8	1	10.8	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	14.2	1	14.9	-	-	-	-	-	-	-	-	3	32.3	3	32.4	-	-
ALL OTHER CAUSES	15	213.7	15	223.0	-	-	20	126.6	20	131.8	-	-	15	161.3	15	162.2	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	JEFFERSON						JOHNSON						KNOX					
1990 CENSUS POPULATION	ALL RACES 33,016		WHITE 31,937		OTHER RACES 1,079		ALL RACES 13,766		WHITE 13,668		OTHER RACES 98		ALL RACES 335,749		WHITE 301,421		OTHER RACES 34,328	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	403	12.2	382	12.0	21	19.5	138	10.0	137	10.0	1	10.2	4702	14.0	4044	13.4	657	19.1
ILLEGITIMATE BIRTHS	81	20.1	72	18.8	9	42.9	46	33.3	46	33.6	-	-	1108	23.6	701	17.3	406	61.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	23	5.7	22	5.8	1	4.8	12	8.7	12	8.8	-	-	377	8.0	292	7.2	85	12.9
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	5.0	2	5.2	-	-	4	29.0	4	29.2	-	-	33	7.0	26	6.4	7	10.7
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	5.0	2	5.2	-	-	2	14.5	2	14.6	-	-	27	5.7	21	5.2	6	9.1
UNDER 7 DAYS OF AGE	2	5.0	2	5.2	-	-	2	14.5	2	14.6	-	-	25	5.3	20	4.9	5	7.6
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	2	0.4	1	0.2	1	1.5
FETAL DEATHS	1	2.5	1	2.6	-	-	1	7.2	1	7.3	-	-	23	4.9	20	4.9	3	4.6
INDUCED ABORTIONS	90	223.3	87	225.4	3	176.5	17	123.2	16	115.9	1	-	1771	376.6	1479	361.3	291	478.6
TOTAL DEATHS	321	9.7	313	9.8	8	7.4	138	10.0	136	10.0	2	20.4	3220	9.6	2887	9.6	333	9.7
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	15	4.5	15	5.0	-	-
MALIGNANT NEOPLASMS (140-208)	80	242.3	79	247.4	1	-	34	247.0	33	241.4	1	-	743	221.3	658	218.3	85	247.6
DIABETES MELLITUS (250)	4	12.1	4	12.5	-	-	1	7.3	1	7.3	-	-	54	16.1	43	14.3	11	32.0
DISEASES OF HEART (390-398,402,404-429)	120	363.5	116	363.2	4	-	58	421.3	58	424.3	-	-	857	255.3	803	266.4	54	157.3
CEREBROVASCULAR DISEASE (430-438)	27	81.8	25	78.3	2	-	4	29.1	4	29.3	-	-	233	69.4	209	69.3	24	69.9
ATHEROSCLEROSIS (440)	1	3.0	1	3.1	-	-	1	7.3	1	7.3	-	-	60	17.9	55	18.2	5	14.6
PNEUMONIA AND INFLUENZA (480-487)	10	30.3	10	31.3	-	-	7	50.8	7	51.2	-	-	83	24.7	79	26.2	4	11.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	8	24.2	8	25.0	-	-	6	43.6	6	43.9	-	-	138	41.1	132	43.8	6	17.5
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	3.0	1	3.1	-	-	1	7.3	1	7.3	-	-	31	9.2	25	8.3	6	17.5
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	9.1	3	9.4	-	-	-	-	-	-	-	-	16	4.8	9	3.0	7	20.4
CONGENITAL ANOMALIES (740-759)	3	9.1	3	9.4	-	-	3	21.8	2	14.6	1	-	10	3.0	9	3.0	1	2.9
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.0	1	3.1	-	-	2	14.5	2	14.6	-	-	22	6.6	17	5.6	5	14.6
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4	12.1	4	12.5	-	-	1	7.3	1	7.3	-	-	260	77.4	227	75.3	33	96.1
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	17	51.5	17	53.2	-	-	5	36.3	5	36.6	-	-	127	37.8	111	36.8	16	46.6
MOTOR VEHICLE ACCIDENTS (E810-E825)	8	24.2	8	25.0	-	-	5	36.3	5	36.6	-	-	65	19.4	58	19.2	7	20.4
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	9	27.3	9	28.2	-	-	-	-	-	-	-	-	62	18.5	53	17.6	9	26.2
SUICIDE (E950-E959)	1	3.0	1	3.1	-	-	1	7.3	1	7.3	-	-	50	14.9	45	14.9	5	14.6
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	6.1	2	6.3	-	-	1	7.3	1	7.3	-	-	37	11.0	22	7.3	15	43.7
ALL OTHER CAUSES	39	118.1	38	119.0	1	-	13	94.4	13	95.1	-	-	484	144.2	428	142.0	56	163.1

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TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE ~~STATE AND FOR~~ THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	LAKE						LAUDERDALE						LAWRENCE					
1990 CENSUS POPULATION	ALL RACES 7,129		WHITE 5,418		OTHER RACES 1,711		ALL RACES 23,491		WHITE 16,007		OTHER RACES 7,484		ALL RACES 35,303		WHITE 34,666		OTHER RACES 637	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	81	11.4	54	10.0	27	15.8	379	16.1	224	14.0	155	20.7	599	17.0	588	17.0	11	17.3
ILLEGITIMATE BIRTHS	34	42.0	12	22.2	22	81.5	163	43.0	58	25.9	105	67.7	88	14.7	85	14.5	3	27.3
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	9	11.1	3	5.6	6	22.2	27	7.1	13	5.8	14	9.0	37	6.2	37	6.3	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	24.7	1	18.5	1	37.0	5	13.2	2	8.9	3	19.4	7	11.7	7	11.9	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	3	7.9	-	-	3	19.4	3	5.0	3	5.1	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	2	5.3	-	-	2	12.9	3	5.0	3	5.1	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	1	2.6	-	-	1	6.5	-	-	-	-	-	-
FETAL DEATHS	1	12.3	1	18.5	-	-	2	5.3	2	8.9	-	-	3	5.0	3	5.1	-	-
INDUCED ABORTIONS	16	197.5	11	203.7	5	185.2	80	211.1	45	198.2	35	230.3	44	73.5	40	67.5	4	-
TOTAL DEATHS	87	12.2	75	13.8	12	7.0	280	11.9	204	12.7	76	10.2	346	9.8	340	9.8	6	9.4
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	28.1	2	36.9	-	-	1	4.3	1	6.2	-	-	3	8.5	3	8.7	-	-
MALIGNANT NEOPLASMS (140-208)	22	308.6	19	350.7	3	-	52	221.4	36	224.9	16	213.8	87	246.4	87	251.0	-	-
DIABETES MELLITUS (250)	2	28.1	1	18.5	1	-	8	34.1	6	37.5	2	26.7	6	17.0	6	17.3	-	-
DISEASES OF HEART (390-398,402,404-429)	27	378.7	24	443.0	3	-	97	412.9	72	449.8	25	334.0	121	342.7	118	340.4	3	-
CEREBROVASCULAR DISEASE (430-438)	9	126.2	8	147.7	1	-	20	85.1	14	87.5	6	80.2	21	59.5	21	60.6	-	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	-	-	-	-	-	-	4	11.3	4	11.5	-	-
PNEUMONIA AND INFLUENZA (480-487)	4	56.1	4	73.8	-	-	13	55.3	8	50.0	5	66.8	17	48.2	16	46.2	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	4	56.1	3	55.4	1	-	16	68.1	16	100.0	-	-	14	39.7	14	40.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	14.0	1	18.5	-	-	4	17.0	4	25.0	-	-	3	8.5	3	8.7	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	14.0	1	18.5	-	-	1	4.3	-	-	1	13.4	5	14.2	5	14.4	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	2	8.5	2	12.5	-	-	2	5.7	2	5.8	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	14.0	-	-	1	-	2	8.5	-	-	2	26.7	4	11.3	4	11.5	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	1	4.3	-	-	1	13.4	2	5.7	2	5.8	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	4	56.1	2	36.9	2	-	18	76.6	13	81.2	5	66.8	16	45.3	15	43.3	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	-	-	-	-	-	-	12	51.1	9	56.2	3	40.1	8	22.7	8	23.1	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4	56.1	2	36.9	2	-	6	25.5	4	25.0	2	26.7	8	22.7	7	20.2	1	-
SUICIDE (E950-E959)	-	-	-	-	-	-	3	12.8	3	18.7	-	-	5	14.2	5	14.4	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	7	29.8	2	12.5	5	66.8	1	2.8	1	2.9	-	-
ALL OTHER CAUSES	10	140.3	10	184.6	-	-	35	149.0	27	168.7	8	106.9	35	99.1	34	98.1	1	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	LEWIS						LINCOLN						LOUDON					
1990 CENSUS POPULATION	ALL RACES 9,247		WHITE 9,082		OTHER RACES 165		ALL RACES 28,157		WHITE 25,583		OTHER RACES 2,574		ALL RACES 31,255		WHITE 30,732		OTHER RACES 523	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	127	13.7	124	13.7	3	18.2	414	14.7	360	14.1	54	21.0	427	13.7	422	13.7	5	9.6
ILLEGITIMATE BIRTHS	23	18.1	22	17.7	1	-	98	23.7	59	16.4	39	72.2	74	17.3	71	16.8	3	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	13	10.2	13	10.5	-	-	30	7.2	25	6.9	5	9.3	33	7.7	33	7.8	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	23.6	2	16.1	1	-	2	4.8	-	-	2	37.0	7	16.4	7	16.6	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3	23.6	2	16.1	1	-	1	2.4	-	-	1	18.5	4	9.4	4	9.5	-	-
UNDER 7 DAYS OF AGE	2	15.7	2	16.1	-	-	1	2.4	-	-	1	18.5	4	9.4	4	9.5	-	-
7-27 DAYS OF AGE	1	7.9	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	1	7.9	1	8.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	8	63.0	8	64.0	-	-	44	106.3	30	82.2	13	265.3	94	220.1	92	217.0	2	-
TOTAL DEATHS	97	10.5	94	10.4	3	18.2	341	12.1	299	11.7	42	16.3	312	10.0	311	10.1	1	1.9
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	4	14.2	4	15.6	-	-	3	9.6	3	9.8	-	-
MALIGNANT NEOPLASMS (140-208)	22	237.9	22	242.2	-	-	89	316.1	79	308.8	10	-	75	240.0	74	240.8	1	-
DIABETES MELLITUS (250)	1	10.8	1	11.0	-	-	9	32.0	8	31.3	1	-	11	35.2	11	35.8	-	-
DISEASES OF HEART (390-398,402,404-429)	39	421.8	37	407.4	2	-	142	504.3	125	488.6	17	-	117	374.3	117	380.7	-	-
CEREBROVASCULAR DISEASE (430-438)	4	43.3	4	44.0	-	-	25	88.8	22	86.0	3	-	16	51.2	16	52.1	-	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	3	10.7	1	3.9	2	-	3	9.6	3	9.8	-	-
PNEUMONIA AND INFLUENZA (480-487)	6	64.9	6	66.1	-	-	9	32.0	8	31.3	1	-	11	35.2	11	35.8	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	2	21.6	2	22.0	-	-	9	32.0	9	35.2	-	-	11	35.2	11	35.8	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	2	7.1	1	3.9	1	-	6	19.2	6	19.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	-	-	-	-	-	-	2	7.1	2	7.8	-	-	3	9.6	3	9.8	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	-	-	-	-	-	-	1	3.2	1	3.3	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	21.6	2	22.0	-	-	1	3.6	-	-	1	-	3	9.6	3	9.8	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	32.4	2	22.0	1	-	1	3.6	-	-	1	-	6	19.2	6	19.5	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	11	119.0	11	121.1	-	-	6	21.3	5	19.5	1	-	9	28.8	9	29.3	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	9	97.3	9	99.1	-	-	4	14.2	3	11.7	1	-	6	19.2	6	19.5	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	21.6	2	22.0	-	-	2	7.1	2	7.8	-	-	3	9.6	3	9.8	-	-
SUICIDE (E950-E959)	1	10.8	1	11.0	-	-	3	10.7	3	11.7	-	-	2	6.4	2	6.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	-	-	-	-	-	-	6	19.2	6	19.5	-	-
ALL OTHER CAUSES	6	64.9	6	66.1	-	-	36	127.9	32	125.1	4	-	29	92.8	29	94.4	-	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	MCMINN						MCNAIRY						MACON					
1990 CENSUS POPULATION	ALL RACES 42,383		WHITE 40,085		OTHER RACES 2,298		ALL RACES 22,422		WHITE 20,918		OTHER RACES 1,504		ALL RACES 15,906		WHITE 15,810		OTHER RACES 96	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	536	12.6	493	12.3	43	18.7	283	12.6	258	12.3	25	16.6	219	13.8	218	13.8	1	10.4
ILLEGITIMATE BIRTHS	104	19.4	83	16.8	21	48.8	58	20.5	42	16.3	16	64.0	33	15.1	33	15.1	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	34	6.3	30	6.1	4	9.3	23	8.1	18	7.0	5	20.0	12	5.5	12	5.5	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	5.6	3	6.1	-	-	3	10.6	2	7.8	1	40.0	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	3.7	2	4.1	-	-	1	3.5	1	3.9	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	1	1.9	1	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	1	1.9	1	2.0	-	-	1	3.5	1	3.9	-	-	-	-	-	-	-	-
FETAL DEATHS	4	7.5	3	6.1	1	23.3	2	7.1	2	7.8	-	-	1	4.6	1	4.6	-	-
INDUCED ABORTIONS	127	236.9	113	226.0	14	388.9	43	151.9	39	151.2	4	160.0	20	91.3	20	91.7	-	-
TOTAL DEATHS	427	10.1	410	10.2	17	7.4	285	12.7	267	12.8	18	12.0	177	11.1	177	11.2	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	3	7.1	3	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	89	210.0	87	217.0	2	-	58	258.7	54	258.2	4	-	40	251.5	40	253.0	-	-
DIABETES MELLITUS (250)	4	9.4	4	10.0	-	-	7	31.2	6	28.7	1	-	2	12.6	2	12.7	-	-
DISEASES OF HEART (390-398,402,404-429)	177	417.6	170	424.1	7	-	120	535.2	114	545.0	6	-	50	314.3	50	316.3	-	-
CEREBROVASCULAR DISEASE (430-438)	35	82.6	34	84.8	1	-	19	84.7	17	81.3	2	-	18	113.2	18	113.9	-	-
ATHEROSCLEROSIS (440)	3	7.1	2	5.0	1	-	-	-	-	-	-	-	1	6.3	1	6.3	-	-
PNEUMONIA AND INFLUENZA (480-487)	16	37.8	16	39.9	-	-	5	22.3	5	23.9	-	-	9	56.6	9	56.9	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	11	26.0	10	24.9	1	-	11	49.1	11	52.6	-	-	17	106.9	17	107.5	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7	16.5	6	15.0	1	-	3	13.4	3	14.3	-	-	3	18.9	3	19.0	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4	9.4	4	10.0	-	-	4	17.8	4	19.1	-	-	3	18.9	3	19.0	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	1	4.5	1	4.8	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	2.4	1	2.5	-	-	1	4.5	1	4.8	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	2	8.9	2	9.6	-	-	2	12.6	2	12.7	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	25	59.0	23	57.4	2	-	15	66.9	12	57.4	3	-	9	56.6	9	56.9	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	18	42.5	16	39.9	2	-	11	49.1	9	43.0	2	-	4	25.1	4	25.3	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7	16.5	7	17.5	-	-	4	17.8	3	14.3	1	-	5	31.4	5	31.6	-	-
SUICIDE (E950-E959)	10	23.6	10	24.9	-	-	4	17.8	4	19.1	-	-	2	12.6	2	12.7	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	4	9.4	4	10.0	-	-	2	8.9	2	9.6	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	38	89.7	36	89.8	2	-	33	147.2	31	148.2	2	-	21	132.0	21	132.8	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	MADISON						MARION						MARSHALL					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	77,982		53,423		24,559		24,860		23,749		1,111		21,539		19,536		2,003	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	1265	16.2	739	13.8	526	21.4	334	13.4	313	13.2	21	18.9	299	13.9	270	13.8	29	14.5
ILLEGITIMATE BIRTHS	502	39.7	105	14.2	397	75.5	78	23.4	64	20.4	14	66.7	61	20.4	40	14.8	21	72.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	96	7.6	34	4.6	62	11.8	24	7.2	20	6.4	4	19.0	18	6.0	17	6.3	1	3.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	17	13.4	4	5.4	13	24.7	4	12.0	4	12.8	-	-	4	13.4	3	11.1	1	34.5
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	12	9.5	4	5.4	8	15.2	3	9.0	3	9.6	-	-	2	6.7	2	7.4	-	-
UNDER 7 DAYS OF AGE	10	7.9	3	4.1	7	13.3	2	6.0	2	6.4	-	-	1	3.3	1	3.7	-	-
7-27 DAYS OF AGE	2	1.6	1	1.4	1	1.9	1	3.0	1	3.2	-	-	1	3.3	1	3.7	-	-
FETAL DEATHS	12	9.5	5	6.8	7	13.3	1	3.0	1	3.2	-	-	1	3.3	1	3.7	-	-
INDUCED ABORTIONS	314	248.2	187	251.0	127	244.2	50	149.7	44	139.2	6	333.3	42	140.5	32	117.2	10	384.6
TOTAL DEATHS	778	10.0	546	10.2	232	9.4	228	9.2	212	8.9	16	14.4	241	11.2	219	11.2	22	11.0
CAUSE OF DEATH																		
SEPTICEMIA (038)	5	6.4	4	7.5	1	4.1	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	165	211.6	119	222.8	46	187.3	49	197.1	48	202.1	1	-	40	185.7	35	179.2	5	-
DIABETES MELLITUS (250)	14	18.0	8	15.0	6	24.4	6	24.1	5	21.1	1	-	7	32.5	5	25.6	2	-
DISEASES OF HEART (390-398,402,404-429)	237	303.9	189	353.8	48	195.4	75	301.7	70	294.7	5	-	97	450.3	90	460.7	7	-
CEREBROVASCULAR DISEASE (430-438)	72	92.3	48	89.8	24	97.7	12	48.3	12	50.5	-	-	17	78.9	15	76.8	2	-
ATHEROSCLEROSIS (440)	9	11.5	5	9.4	4	16.3	7	28.2	4	16.8	3	-	2	9.3	2	10.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	19	24.4	15	28.1	4	16.3	6	24.1	5	21.1	1	-	13	60.4	13	66.5	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	27	34.6	22	41.2	5	20.4	11	44.2	10	42.1	1	-	11	51.1	11	56.3	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7	9.0	6	11.2	1	4.1	2	8.0	2	8.4	-	-	2	9.3	2	10.2	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5	6.4	1	1.9	4	16.3	2	8.0	2	8.4	-	-	2	9.3	2	10.2	-	-
CONGENITAL ANOMALIES (740-759)	4	5.1	1	1.9	3	12.2	2	8.0	2	8.4	-	-	2	9.3	2	10.2	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	10	12.8	4	7.5	6	24.4	3	12.1	3	12.6	-	-	1	4.6	1	5.1	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	36	46.2	14	26.2	22	89.6	3	12.1	3	12.6	-	-	2	9.3	2	10.2	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	27	34.6	20	37.4	7	28.5	17	68.4	15	63.2	2	-	10	46.4	7	35.8	3	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	13	16.7	11	20.6	2	8.1	8	32.2	8	33.7	-	-	6	27.9	4	20.5	2	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	14	18.0	9	16.8	5	20.4	9	36.2	7	29.5	2	-	4	18.6	3	15.4	1	-
SUICIDE (E950-E959)	12	15.4	9	16.8	3	12.2	3	12.1	3	12.6	-	-	3	13.9	3	15.4	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	10	12.8	2	3.7	8	32.6	1	4.0	1	4.2	-	-	2	9.3	-	-	2	-
ALL OTHER CAUSES	119	152.6	79	147.9	40	162.9	29	116.7	27	113.7	2	-	30	139.3	29	148.4	1	-

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TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	MAURY						MEIGS						MONROE					
1990 CENSUS POPULATION	ALL RACES 54,812		WHITE 45,868		OTHER RACES 8,944		ALL RACES 8,033		WHITE 7,884		OTHER RACES 149		ALL RACES 30,541		WHITE 29,561		OTHER RACES 980	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	844	15.4	665	14.5	179	20.0	107	13.3	107	13.6	-	-	443	14.5	426	14.4	17	17.3
ILLEGITIMATE BIRTHS	243	28.8	129	19.4	114	63.7	22	20.6	22	20.6	-	-	86	19.4	75	17.6	11	64.7
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	57	6.8	39	5.9	18	10.1	7	6.5	7	6.5	-	-	29	6.5	26	6.1	3	17.6
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4	4.7	2	3.0	2	11.2	1	9.3	1	9.3	-	-	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	2.4	-	-	2	11.2	-	-	-	-	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	2	2.4	-	-	2	11.2	-	-	-	-	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	12	14.2	6	9.0	6	33.5	-	-	-	-	-	-	1	2.3	1	2.3	-	-
INDUCED ABORTIONS	117	138.6	86	129.4	30	172.4	10	93.5	8	74.8	2	-	48	108.4	45	105.1	3	200.0
TOTAL DEATHS	551	10.1	465	10.1	86	9.6	83	10.3	82	10.4	1	6.7	294	9.6	279	9.4	15	15.3
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	1.8	1	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	145	264.5	127	276.9	18	201.3	16	199.2	16	202.9	-	-	82	268.5	76	257.1	6	-
DIABETES MELLITUS (250)	13	23.7	11	24.0	2	22.4	4	49.8	4	50.7	-	-	10	32.7	9	30.4	1	-
DISEASES OF HEART (390-398,402,404-429)	161	293.7	133	290.0	28	313.1	37	460.6	36	456.6	1	-	58	189.9	57	192.8	1	-
CEREBROVASCULAR DISEASE (430-438)	49	89.4	44	95.9	5	55.9	5	62.2	5	63.4	-	-	26	85.1	24	81.2	2	-
ATHEROSCLEROSIS (440)	6	10.9	4	8.7	2	22.4	1	12.4	1	12.7	-	-	5	16.4	5	16.9	-	-
PNEUMONIA AND INFLUENZA (480-487)	23	42.0	20	43.6	3	33.5	3	37.3	3	38.1	-	-	10	32.7	10	33.8	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	20	36.5	18	39.2	2	22.4	4	49.8	4	50.7	-	-	10	32.7	10	33.8	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	6	10.9	5	10.9	1	11.2	1	12.4	1	12.7	-	-	5	16.4	5	16.9	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	8	14.6	7	15.3	1	11.2	1	12.4	1	12.7	-	-	3	9.8	3	10.1	-	-
CONGENITAL ANOMALIES (740-759)	3	5.5	2	4.4	1	11.2	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	3.6	-	-	2	22.4	-	-	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	8	14.6	8	17.4	-	-	1	12.4	1	12.7	-	-	5	16.4	5	16.9	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	13	23.7	9	19.6	4	44.7	2	24.9	2	25.4	-	-	27	88.4	26	88.0	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	7	12.8	5	10.9	2	22.4	1	12.4	1	12.7	-	-	19	62.2	19	64.3	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6	10.9	4	8.7	2	22.4	1	12.4	1	12.7	-	-	8	26.2	7	23.7	1	-
SUICIDE (E950-E959)	10	18.2	10	21.8	-	-	-	-	-	-	-	-	4	13.1	3	10.1	1	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	5	9.1	2	4.4	3	33.5	-	-	-	-	-	-	1	3.3	1	3.4	-	-
ALL OTHER CAUSES	78	142.3	64	139.5	14	156.5	8	99.6	8	101.5	-	-	48	157.2	45	152.2	3	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	MONTGOMERY						MOORE						MORGAN					
1990 CENSUS POPULATION	ALL RACES 100,498		WHITE 79,118		OTHER RACES 21,380		ALL RACES 4,721		WHITE 4,536		OTHER RACES 185		ALL RACES 17,300		WHITE 16,957		OTHER RACES 343	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	2028	20.2	1475	18.6	553	25.9	57	12.1	56	12.3	1	5.4	228	13.2	228	13.4	-	-
ILLEGITIMATE BIRTHS	427	21.1	229	15.5	198	35.8	9	15.8	8	14.3	1	-	51	22.4	51	22.4	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	150	7.4	99	6.7	51	9.2	5	8.8	5	8.9	-	-	12	5.3	12	5.3	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	18	8.9	14	9.5	4	7.2	1	17.5	1	17.9	-	-	2	8.8	2	8.8	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	9	4.4	8	5.4	1	1.8	1	17.5	1	17.9	-	-	2	8.8	2	8.8	-	-
UNDER 7 DAYS OF AGE	7	3.5	6	4.1	1	1.8	1	17.5	1	17.9	-	-	1	4.4	1	4.4	-	-
7-27 DAYS OF AGE	2	1.0	2	1.4	-	-	-	-	-	-	-	-	1	4.4	1	4.4	-	-
FETAL DEATHS	10	4.9	8	5.4	2	3.6	-	-	-	-	-	-	1	4.4	1	4.4	-	-
INDUCED ABORTIONS	269	132.6	179	116.5	89	181.3	7	122.8	7	125.0	-	-	29	127.2	29	127.2	-	-
TOTAL DEATHS	619	6.2	492	6.2	127	5.9	38	8.0	37	8.2	1	5.4	168	9.7	168	9.9	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	2.0	2	2.5	-	-	-	-	-	-	-	-	1	5.8	1	5.9	-	-
MALIGNANT NEOPLASMS (140-208)	140	139.3	106	134.0	34	159.0	8	169.5	8	-	-	-	38	219.7	38	224.1	-	-
DIABETES MELLITUS (250)	14	13.9	9	11.4	5	23.4	-	-	-	-	-	-	6	34.7	6	35.4	-	-
DISEASES OF HEART (390-398,402,404-429)	192	191.0	160	202.2	32	149.7	14	296.5	13	-	1	-	56	323.7	56	330.2	-	-
CEREBROVASCULAR DISEASE (430-438)	61	60.7	50	63.2	11	51.4	3	63.5	3	-	-	-	13	75.1	13	76.7	-	-
ATHEROSCLEROSIS (440)	4	4.0	4	5.1	-	-	1	21.2	1	-	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	16	15.9	12	15.2	4	18.7	2	42.4	2	-	-	-	4	23.1	4	23.6	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	17	16.9	10	12.6	7	32.7	1	21.2	1	-	-	-	15	86.7	15	88.5	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	8	8.0	8	10.1	-	-	3	63.5	3	-	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	6	6.0	3	3.8	3	14.0	-	-	-	-	-	-	1	5.8	1	5.9	-	-
CONGENITAL ANOMALIES (740-759)	3	3.0	2	2.5	1	4.7	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	9	9.0	7	8.8	2	9.4	1	21.2	1	-	-	-	1	5.8	1	5.9	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	18	17.9	13	16.4	5	23.4	-	-	-	-	-	-	3	17.3	3	17.7	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	34	33.8	29	36.7	5	23.4	-	-	-	-	-	-	9	52.0	9	53.1	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	18	17.9	16	20.2	2	9.4	-	-	-	-	-	-	6	34.7	6	35.4	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	16	15.9	13	16.4	3	14.0	-	-	-	-	-	-	3	17.3	3	17.7	-	-
SUICIDE (E950-E959)	12	11.9	12	15.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	6	6.0	2	2.5	4	18.7	1	21.2	1	-	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	77	76.6	63	79.6	14	65.5	4	84.7	4	-	-	-	21	121.4	21	123.8	-	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	OBION						OVERTON						PERRY					
1990 CENSUS POPULATION	ALL RACES 31,717		WHITE 28,324		OTHER RACES 3,393		ALL RACES 17,636		WHITE 17,582		OTHER RACES 54		ALL RACES 6,612		WHITE 6,470		OTHER RACES 142	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	436	13.7	355	12.5	81	23.9	219	12.4	218	12.4	1	18.5	84	12.7	80	12.4	4	28.2
ILLEGITIMATE BIRTHS	136	31.2	71	20.0	65	80.2	34	15.5	34	15.6	-	-	13	15.5	10	12.5	3	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	26	6.0	17	4.8	9	11.1	11	5.0	11	5.0	-	-	3	3.6	3	3.8	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4	9.2	3	8.5	1	12.3	1	4.6	1	4.6	-	-	1	11.9	1	12.5	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	3	6.9	2	5.6	1	12.3	1	4.6	1	4.6	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	2	4.6	1	2.8	1	12.3	-	-	-	-	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	1	2.3	1	2.8	-	-	1	4.6	1	4.6	-	-	-	-	-	-	-	-
FETAL DEATHS	1	2.3	1	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	62	142.2	50	139.3	12	155.8	26	118.7	26	119.3	-	-	9	107.1	9	112.5	-	-
TOTAL DEATHS	336	10.6	298	10.5	38	11.2	186	10.5	184	10.5	2	37.0	66	10.0	65	10.0	1	7.0
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	59	186.0	51	180.1	8	-	45	255.2	44	250.3	1	-	15	226.9	15	231.8	-	-
DIABETES MELLITUS (250)	6	18.9	5	17.7	1	-	1	5.7	1	5.7	-	-	-	-	-	-	-	-
DISEASES OF HEART (390-398,402,404-429)	135	425.6	121	427.2	14	-	68	385.6	67	381.1	1	-	28	423.5	28	432.8	-	-
CEREBROVASCULAR DISEASE (430-438)	18	56.8	14	49.4	4	-	14	79.4	14	79.6	-	-	1	15.1	1	15.5	-	-
ATHEROSCLEROSIS (440)	27	85.1	22	77.7	5	-	6	34.0	6	34.1	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	10	31.5	10	35.3	-	-	10	56.7	10	56.9	-	-	3	45.4	2	30.9	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	20	63.1	20	70.6	-	-	4	22.7	4	22.8	-	-	3	45.4	3	46.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	9.5	3	10.6	-	-	4	22.7	4	22.8	-	-	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	6.3	2	7.1	-	-	3	17.0	3	17.1	-	-	1	15.1	1	15.5	-	-
CONGENITAL ANOMALIES (740-759)	1	3.2	1	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	6.3	2	7.1	-	-	1	5.7	1	5.7	-	-	3	45.4	3	46.4	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	15	47.3	14	49.4	1	-	13	73.7	13	73.9	-	-	5	75.6	5	77.3	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	7	22.1	7	24.7	-	-	6	34.0	6	34.1	-	-	2	30.2	2	30.9	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8	25.2	7	24.7	1	-	7	39.7	7	39.8	-	-	3	45.4	3	46.4	-	-
SUICIDE (E950-E959)	3	9.5	3	10.6	-	-	1	5.7	1	5.7	-	-	1	15.1	1	15.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	6.3	1	3.5	1	-	2	11.3	2	11.4	-	-	1	15.1	1	15.5	-	-
ALL OTHER CAUSES	32	100.9	29	102.4	3	-	14	79.4	14	79.6	-	-	5	75.6	5	77.3	-	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	PICKETT						POLK						PUTNAM					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	4,548		4,542		6		13,643		13,571		72		51,373		49,878		1,495	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	51	11.2	51	11.2	-	-	169	12.4	169	12.5	-	-	731	14.2	707	14.2	24	16.1
ILLEGITIMATE BIRTHS	8	15.7	8	15.7	-	-	28	16.6	28	16.6	-	-	113	15.5	107	15.1	6	25.0
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	2	3.9	2	3.9	-	-	13	7.7	13	7.7	-	-	40	5.5	40	5.7	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	-	-	-	-	-	-	-	-	-	-	-	-	5	6.8	4	5.7	1	41.7
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	-	-	-	-	-	-	3	4.1	3	4.2	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	3	4.1	3	4.2	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	-	-	-	-	-	-	1	5.9	1	5.9	-	-	5	6.8	5	7.1	-	-
INDUCED ABORTIONS	4	78.4	4	78.4	-	-	24	142.0	24	142.0	-	-	167	228.5	160	223.8	7	437.5
TOTAL DEATHS	60	13.2	60	13.2	-	-	174	12.8	174	12.8	-	-	447	8.7	443	8.9	4	2.7
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	9	197.9	9	-	-	-	48	351.8	48	353.7	-	-	103	200.5	102	204.5	1	-
DIABETES MELLITUS (250)	1	22.0	1	-	-	-	3	22.0	3	22.1	-	-	9	17.5	9	18.0	-	-
DISEASES OF HEART (390-398,402,404-429)	29	637.6	29	-	-	-	66	483.8	66	486.3	-	-	158	307.6	157	314.8	1	-
CEREBROVASCULAR DISEASE (430-438)	3	66.0	3	-	-	-	12	88.0	12	88.4	-	-	32	62.3	32	64.2	-	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	1	7.3	1	7.4	-	-	4	7.8	4	8.0	-	-
PNEUMONIA AND INFLUENZA (480-487)	1	22.0	1	-	-	-	2	14.7	2	14.7	-	-	20	38.9	20	40.1	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	3	66.0	3	-	-	-	9	66.0	9	66.3	-	-	22	42.8	22	44.1	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	22.0	1	-	-	-	2	14.7	2	14.7	-	-	5	9.7	5	10.0	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	22.0	1	-	-	-	1	7.3	1	7.4	-	-	2	3.9	2	4.0	-	-
CONGENITAL ANOMALIES (740-759)	1	22.0	1	-	-	-	-	-	-	-	-	-	2	3.9	2	4.0	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	-	-	-	-	-	-	2	3.9	2	4.0	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	-	-	-	-	-	-	8	15.6	7	14.0	1	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6	131.9	6	-	-	-	10	73.3	10	73.7	-	-	20	38.9	20	40.1	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	3	66.0	3	-	-	-	7	51.3	7	51.6	-	-	13	25.3	13	26.1	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3	66.0	3	-	-	-	3	22.0	3	22.1	-	-	7	13.6	7	14.0	-	-
SUICIDE (E950-E959)	1	22.0	1	-	-	-	2	14.7	2	14.7	-	-	10	19.5	10	20.0	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	22.0	1	-	-	-	5	36.6	5	36.8	-	-	6	11.7	5	10.0	1	-
ALL OTHER CAUSES	3	66.0	3	-	-	-	13	95.3	13	95.8	-	-	44	85.6	44	88.2	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	RHEA						ROANE						ROBERTSON					
1990 CENSUS POPULATION	ALL RACES 24,344		WHITE 23,571		OTHER RACES 773		ALL RACES 47,227		WHITE 45,444		OTHER RACES 1,783		ALL RACES 41,494		WHITE 36,802		OTHER RACES 4,692	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	357	14.7	338	14.3	19	24.6	504	10.7	474	10.4	30	16.8	656	15.8	558	15.2	98	20.9
ILLEGITIMATE BIRTHS	91	25.5	85	25.1	6	31.6	113	22.4	97	20.5	16	53.3	156	23.8	88	15.8	68	69.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	20	5.6	17	5.0	3	15.8	37	7.3	34	7.2	3	10.0	38	5.8	26	4.7	12	12.2
INFANT DEATHS (UNDER ONE YEAR OF AGE)	-	-	-	-	-	-	4	7.9	4	8.4	-	-	2	3.0	1	1.8	1	10.2
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	1	2.0	1	2.1	-	-	1	1.5	-	-	1	10.2
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	1	2.0	1	2.1	-	-	1	1.5	-	-	1	10.2
FETAL DEATHS	5	14.0	3	8.9	2	105.3	1	2.0	1	2.1	-	-	7	10.7	4	7.2	3	30.6
INDUCED ABORTIONS	63	176.5	61	177.8	2	142.9	151	299.6	137	286.6	14	538.5	76	115.9	59	105.5	17	175.3
TOTAL DEATHS	257	10.6	251	10.6	6	7.8	471	10.0	456	10.0	15	8.4	422	10.2	359	9.8	63	13.4
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	6	14.5	5	13.6	1	-
MALIGNANT NEOPLASMS (140-208)	55	225.9	54	229.1	1	-	121	256.2	120	264.1	1	-	98	236.2	81	220.1	17	-
DIABETES MELLITUS (250)	4	16.4	4	17.0	-	-	14	29.6	14	30.8	-	-	19	45.8	16	43.5	3	-
DISEASES OF HEART (390-398,402,404-429)	103	423.1	100	424.3	3	-	157	332.4	148	325.7	9	-	135	325.3	118	320.6	17	-
CEREBROVASCULAR DISEASE (430-438)	12	49.3	11	46.7	1	-	28	59.3	27	59.4	1	-	39	94.0	31	84.2	8	-
ATHEROSCLEROSIS (440)	7	28.8	7	29.7	-	-	-	-	-	-	-	-	4	9.6	4	10.9	-	-
PNEUMONIA AND INFLUENZA (480-487)	10	41.1	10	42.4	-	-	16	33.9	16	35.2	-	-	13	31.3	11	29.9	2	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	13	53.4	13	55.2	-	-	33	69.9	32	70.4	1	-	15	36.1	12	32.6	3	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	3	12.3	3	12.7	-	-	9	19.1	9	19.8	-	-	7	16.9	5	13.6	2	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	12.3	3	12.7	-	-	3	6.4	2	4.4	1	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	2	4.2	2	4.4	-	-	2	4.8	1	2.7	1	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	4	16.4	4	17.0	-	-	8	16.9	8	17.6	-	-	1	2.4	1	2.7	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	16	65.7	16	67.9	-	-	29	61.4	28	61.6	1	-	26	62.7	25	67.9	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	9	37.0	9	38.2	-	-	14	29.6	14	30.8	-	-	10	24.1	9	24.5	1	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7	28.8	7	29.7	-	-	15	31.8	14	30.8	1	-	16	38.6	16	43.5	-	-
SUICIDE (E950-E959)	3	12.3	3	12.7	-	-	4	8.5	3	6.6	1	-	5	12.0	5	13.6	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	3	6.4	3	6.6	-	-	3	7.2	3	8.2	-	-
ALL OTHER CAUSES	24	98.6	23	97.6	1	-	44	93.2	44	96.8	-	-	49	118.1	41	111.4	8	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	RUTHERFORD						SCOTT						SEQUATCHIE					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	118,570		105,740		12,830		18,358		18,263		95		8,863		8,851		12	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	2006	16.9	1770	16.7	236	18.4	293	16.0	292	16.0	1	10.5	134	15.1	134	15.1	-	-
ILLEGITIMATE BIRTHS	425	21.2	299	16.9	126	53.4	62	21.2	62	21.2	-	-	42	31.3	42	31.3	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	144	7.2	118	6.7	26	11.0	20	6.8	20	6.8	-	-	10	7.5	10	7.5	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	11	5.5	10	5.6	1	4.2	-	-	-	-	-	-	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	7	3.5	7	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	4	2.0	4	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	3	1.5	3	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	15	7.5	10	5.6	5	21.2	1	3.4	1	3.4	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	418	208.4	343	191.5	73	341.1	21	71.7	21	71.7	-	-	13	97.0	13	97.0	-	-
TOTAL DEATHS	752	6.3	657	6.2	95	7.4	206	11.2	206	11.3	-	-	69	7.8	69	7.8	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	1.7	2	1.9	-	-	1	5.4	1	5.5	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	186	156.9	163	154.2	23	179.3	48	261.5	48	262.8	-	-	9	101.5	9	101.7	-	-
DIABETES MELLITUS (250)	17	14.3	15	14.2	2	15.6	3	16.3	3	16.4	-	-	-	-	-	-	-	-
DISEASES OF HEART (390-398,402,404-429)	254	214.2	219	207.1	35	272.8	66	359.5	66	361.4	-	-	34	383.6	34	384.1	-	-
CEREBROVASCULAR DISEASE (430-438)	73	61.6	62	58.6	11	85.7	21	114.4	21	115.0	-	-	5	56.4	5	56.5	-	-
ATHEROSCLEROSIS (440)	2	1.7	2	1.9	-	-	3	16.3	3	16.4	-	-	1	11.3	1	11.3	-	-
PNEUMONIA AND INFLUENZA (480-487)	20	16.9	19	18.0	1	7.8	13	70.8	13	71.2	-	-	5	56.4	5	56.5	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	24	20.2	23	21.8	1	7.8	9	49.0	9	49.3	-	-	4	45.1	4	45.2	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	7	5.9	6	5.7	1	7.8	1	5.4	1	5.5	-	-	2	22.6	2	22.6	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5	4.2	4	3.8	1	7.8	2	10.9	2	11.0	-	-	1	11.3	1	11.3	-	-
CONGENITAL ANOMALIES (740-759)	8	6.7	8	7.6	-	-	1	5.4	1	5.5	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	1.7	2	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	5	4.2	4	3.8	1	7.8	7	38.1	7	38.3	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	40	33.7	36	34.0	4	31.2	15	81.7	15	82.1	-	-	4	45.1	4	45.2	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	22	18.6	21	19.9	1	7.8	9	49.0	9	49.3	-	-	2	22.6	2	22.6	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	18	15.2	15	14.2	3	23.4	6	32.7	6	32.9	-	-	2	22.6	2	22.6	-	-
SUICIDE (E950-E959)	14	11.8	14	13.2	-	-	3	16.3	3	16.4	-	-	-	-	-	-	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	6	5.1	3	2.8	3	23.4	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	87	73.4	75	70.9	12	93.5	13	70.8	13	71.2	-	-	4	45.1	4	45.2	-	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	SEVIER						SHELBY						SMITH					
1990 CENSUS POPULATION	ALL RACES 51,043		WHITE 50,462		OTHER RACES 581		ALL RACES 826,330		WHITE 455,063		OTHER RACES 371,267		ALL RACES 14,143		WHITE 13,626		OTHER RACES 517	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	736	14.4	725	14.4	11	18.9	15858	19.2	6503	14.3	9351	25.2	198	14.0	192	14.1	6	11.6
ILLEGITIMATE BIRTHS	149	20.2	146	20.1	3	27.3	7476	47.1	837	12.9	6638	71.0	28	14.1	25	13.0	3	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	62	8.4	59	8.1	3	27.3	1700	10.7	393	6.0	1306	14.0	23	11.6	22	11.5	1	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	10	13.6	10	13.8	-	-	228	14.4	44	6.8	184	19.7	4	20.2	4	20.8	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	4	5.4	4	5.5	-	-	152	9.6	27	4.2	125	13.4	1	5.1	1	5.2	-	-
UNDER 7 DAYS OF AGE	3	4.1	3	4.1	-	-	117	7.4	20	3.1	97	10.4	-	-	-	-	-	-
7-27 DAYS OF AGE	1	1.4	1	1.4	-	-	35	2.2	7	1.1	28	3.0	1	5.1	1	5.2	-	-
FETAL DEATHS	5	6.8	4	5.5	1	90.9	90	5.7	24	3.7	66	7.1	1	5.1	1	5.2	-	-
INDUCED ABORTIONS	193	262.2	189	258.9	4	-	6890	434.5	2271	346.1	4609	496.0	16	80.8	15	78.1	1	-
TOTAL DEATHS	435	8.5	429	8.5	6	10.3	7402	9.0	3899	8.6	3503	9.4	162	11.5	159	11.7	3	5.8
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	2.0	1	2.0	-	-	75	9.1	28	6.2	47	12.7	1	7.1	1	7.3	-	-
MALIGNANT NEOPLASMS (140-208)	89	174.4	88	174.4	1	-	1700	205.7	987	216.9	713	192.0	28	198.0	28	205.5	-	-
DIABETES MELLITUS (250)	10	19.6	9	17.8	1	-	115	13.9	52	11.4	63	17.0	4	28.3	4	29.4	-	-
DISEASES OF HEART (390-398,402,404-429)	143	280.2	141	279.4	2	-	2345	283.8	1259	276.7	1086	292.5	66	466.7	66	484.4	-	-
CEREBROVASCULAR DISEASE (430-438)	36	70.5	35	69.4	1	-	612	74.1	312	68.6	300	80.8	15	106.1	14	102.7	1	-
ATHEROSCLEROSIS (440)	8	15.7	7	13.9	1	-	18	2.2	13	2.9	5	1.3	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	7	13.7	7	13.9	-	-	270	32.7	166	36.5	104	28.0	4	28.3	3	22.0	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	15	29.4	15	29.7	-	-	271	32.8	187	41.1	84	22.6	8	56.6	8	58.7	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	6	11.8	6	11.9	-	-	85	10.3	42	9.2	43	11.6	1	7.1	1	7.3	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	5.9	3	5.9	-	-	78	9.4	32	7.0	46	12.4	1	7.1	1	7.3	-	-
CONGENITAL ANOMALIES (740-759)	1	2.0	1	2.0	-	-	56	6.8	17	3.7	39	10.5	2	14.1	2	14.7	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	4	7.8	4	7.9	-	-	124	15.0	17	3.7	107	28.8	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	25	49.0	25	49.5	-	-	96	11.6	41	9.0	55	14.8	1	7.1	1	7.3	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	25	49.0	25	49.5	-	-	303	36.7	156	34.3	147	39.6	9	63.6	8	58.7	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	15	29.4	15	29.7	-	-	137	16.6	64	14.1	73	19.7	3	21.2	3	22.0	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	10	19.6	10	19.8	-	-	166	20.1	92	20.2	74	19.9	6	42.4	5	36.7	1	-
SUICIDE (E950-E959)	8	15.7	8	15.9	-	-	119	14.4	79	17.4	40	10.8	2	14.1	2	14.7	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	2.0	1	2.0	-	-	212	25.7	27	5.9	185	49.8	-	-	-	-	-	-
ALL OTHER CAUSES	53	103.8	53	105.0	-	-	923	111.7	484	106.4	439	118.2	20	141.4	20	146.8	-	-

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TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	STEWART						SULLIVAN						SUMNER					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	9,479		9,294		185		143,596		140,076		3,520		103,281		97,073		6,208	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	125	13.2	122	13.1	3	16.2	1804	12.6	1746	12.5	58	16.5	1470	14.2	1367	14.1	103	16.6
ILLEGITIMATE BIRTHS	22	17.6	21	17.2	1	-	361	20.0	330	18.9	31	53.4	307	20.9	245	17.9	62	60.2
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	13	10.4	13	10.7	-	-	123	6.8	117	6.7	6	10.3	86	5.9	76	5.6	10	9.7
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	8.0	1	8.2	-	-	15	8.3	14	8.0	1	17.2	11	7.5	10	7.3	1	9.7
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	8.0	1	8.2	-	-	10	5.5	9	5.2	1	17.2	7	4.8	7	5.1	-	-
UNDER 7 DAYS OF AGE	1	8.0	1	8.2	-	-	8	4.4	7	4.0	1	17.2	6	4.1	6	4.4	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	2	1.1	2	1.1	-	-	1	0.7	1	0.7	-	-
FETAL DEATHS	3	24.0	3	24.6	-	-	11	6.1	10	5.7	-	-	12	8.2	11	8.0	1	9.7
INDUCED ABORTIONS	4	32.0	4	32.5	-	-	361	200.1	349	199.0	11	220.0	254	172.8	234	169.8	19	206.5
TOTAL DEATHS	108	11.4	104	11.2	4	21.6	1394	9.7	1358	9.7	36	10.2	710	6.9	662	6.8	48	7.7
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	10.5	1	10.8	-	-	6	4.2	6	4.3	-	-	2	1.9	2	2.1	-	-
MALIGNANT NEOPLASMS (140-208)	24	253.2	23	247.5	1	-	309	215.2	301	214.9	8	-	176	170.4	169	174.1	7	112.8
DIABETES MELLITUS (250)	-	-	-	-	-	-	33	23.0	31	22.1	2	-	14	13.6	12	12.4	2	32.2
DISEASES OF HEART (390-398,402,404-429)	46	485.3	45	484.2	1	-	456	317.6	440	314.1	16	-	245	237.2	228	234.9	17	273.8
CEREBROVASCULAR DISEASE (430-438)	10	105.5	10	107.6	-	-	105	73.1	104	74.2	1	-	51	49.4	42	43.3	9	145.0
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	11	7.7	11	7.9	-	-	7	6.8	7	7.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	3	31.6	3	32.3	-	-	57	39.7	55	39.3	2	-	29	28.1	28	28.8	1	16.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	2	21.1	2	21.5	-	-	67	46.7	66	47.1	1	-	30	29.0	29	29.9	1	16.1
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	21	14.6	21	15.0	-	-	5	4.8	4	4.1	1	16.1
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	10.5	1	10.8	-	-	10	7.0	10	7.1	-	-	4	3.9	4	4.1	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	8	5.6	7	5.0	1	-	6	5.8	5	5.2	1	16.1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	10.5	1	10.8	-	-	4	2.8	4	2.9	-	-	5	4.8	5	5.2	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	3	31.6	2	21.5	1	-	9	6.3	9	6.4	-	-	3	2.9	3	3.1	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	6	63.3	6	64.6	-	-	76	52.9	75	53.5	1	-	36	34.9	35	36.1	1	16.1
MOTOR VEHICLE ACCIDENTS (E810-E825)	3	31.6	3	32.3	-	-	37	25.8	36	25.7	1	-	17	16.5	17	17.5	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3	31.6	3	32.3	-	-	39	27.2	39	27.8	-	-	19	18.4	18	18.5	1	16.1
SUICIDE (E950-E959)	1	10.5	1	10.8	-	-	26	18.1	26	18.6	-	-	15	14.5	14	14.4	1	16.1
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	9	6.3	8	5.7	1	-	4	3.9	2	2.1	2	32.2
ALL OTHER CAUSES	10	105.5	9	96.8	1	-	187	130.2	184	131.4	3	-	78	75.5	73	75.2	5	80.5

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	TIPTON						TROUSDALE						UNICOI					
1990 CENSUS POPULATION	ALL RACES 37,568		WHITE 28,436		OTHER RACES 9,132		ALL RACES 5,920		WHITE 5,040		OTHER RACES 880		ALL RACES 16,549		WHITE 16,488		OTHER RACES 61	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	680	18.1	451	15.9	229	25.1	83	14.0	74	14.7	9	10.2	166	10.0	159	9.6	7	114.8
ILLEGITIMATE BIRTHS	219	32.2	63	14.0	156	68.1	17	20.5	12	16.2	5	-	37	22.3	37	23.3	-	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	65	9.6	34	7.5	31	13.5	15	18.1	13	17.6	2	-	11	6.6	8	5.0	3	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	9	13.2	5	11.1	4	17.5	3	36.1	2	27.0	1	-	4	24.1	4	25.2	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	7	10.3	4	8.9	3	13.1	1	12.0	1	13.5	-	-	3	18.1	3	18.9	-	-
UNDER 7 DAYS OF AGE	5	7.4	3	6.7	2	8.7	1	12.0	1	13.5	-	-	3	18.1	3	18.9	-	-
7-27 DAYS OF AGE	2	2.9	1	2.2	1	4.4	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	5	7.4	3	6.7	2	8.7	1	12.0	-	-	1	-	2	12.0	2	12.6	-	-
INDUCED ABORTIONS	125	183.8	84	185.4	41	180.6	13	156.6	12	162.2	1	-	40	241.0	39	239.3	1	-
TOTAL DEATHS	297	7.9	193	6.8	104	11.4	75	12.7	59	11.7	16	18.2	184	11.1	184	11.2	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	5	13.3	5	17.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	65	173.0	42	147.7	23	251.9	11	185.8	10	198.4	1	-	34	205.5	34	206.2	-	-
DIABETES MELLITUS (250)	9	24.0	7	24.6	2	21.9	4	67.6	4	79.4	-	-	3	18.1	3	18.2	-	-
DISEASES OF HEART (390-398,402,404-429)	87	231.6	48	168.8	39	427.1	19	320.9	14	277.8	5	-	71	429.0	71	430.6	-	-
CEREBROVASCULAR DISEASE (430-438)	32	85.2	23	80.9	9	98.6	9	152.0	7	138.9	2	-	13	78.6	13	78.8	-	-
ATHEROSCLEROSIS (440)	2	5.3	2	7.0	-	-	1	16.9	1	19.8	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	10	26.6	8	28.1	2	21.9	3	50.7	1	19.8	2	-	9	54.4	9	54.6	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	9	24.0	9	31.7	-	-	3	50.7	3	59.5	-	-	8	48.3	8	48.5	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4	10.6	3	10.6	1	11.0	-	-	-	-	-	-	2	12.1	2	12.1	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	5.3	1	3.5	1	11.0	3	50.7	3	59.5	-	-	4	24.2	4	24.3	-	-
CONGENITAL ANOMALIES (740-759)	3	8.0	2	7.0	1	11.0	-	-	-	-	-	-	2	12.1	2	12.1	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	5	13.3	2	7.0	3	32.9	1	16.9	1	19.8	-	-	1	6.0	1	6.1	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	5.3	2	7.0	-	-	1	16.9	-	-	1	-	2	12.1	2	12.1	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	17	45.3	11	38.7	6	65.7	4	67.6	2	39.7	2	-	9	54.4	9	54.6	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	9	24.0	6	21.1	3	32.9	-	-	-	-	-	-	4	24.2	4	24.3	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	8	21.3	5	17.6	3	32.9	4	67.6	2	39.7	2	-	5	30.2	5	30.3	-	-
SUICIDE (E950-E959)	5	13.3	3	10.6	2	21.9	1	16.9	1	19.8	-	-	3	18.1	3	18.2	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	6	16.0	2	7.0	4	43.8	2	33.8	2	39.7	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	34	90.5	23	80.9	11	120.5	13	219.6	10	198.4	3	-	23	139.0	23	139.5	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	UNION						VAN BUREN						WARREN					
1990 CENSUS POPULATION	ALL RACES 13,694		WHITE 13,658		OTHER RACES 36		ALL RACES 4,846		WHITE 4,823		OTHER RACES 23		ALL RACES 32,992		WHITE 31,511		OTHER RACES 1,481	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	187	13.7	183	13.4	4	111.1	53	10.9	53	11.0	-	-	464	14.1	435	13.8	29	19.6
ILLEGITIMATE BIRTHS	31	16.6	31	16.9	-	-	15	28.3	15	28.3	-	-	97	20.9	75	17.2	22	75.9
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	13	7.0	11	6.0	2	-	3	5.7	3	5.7	-	-	41	8.8	34	7.8	7	24.1
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	5.3	1	5.5	-	-	-	-	-	-	-	-	5	10.8	5	11.5	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	-	-	-	-	-	-	3	6.5	3	6.9	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	3	6.5	3	6.9	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	1	5.3	1	5.5	-	-	-	-	-	-	-	-	1	2.2	1	2.3	-	-
INDUCED ABORTIONS	35	187.2	34	181.8	1	-	12	226.4	11	207.5	1	-	57	122.8	51	116.4	6	230.8
TOTAL DEATHS	137	10.0	137	10.0	-	-	28	5.8	28	5.8	-	-	335	10.2	326	10.3	9	6.1
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	1	3.0	1	3.2	-	-
MALIGNANT NEOPLASMS (140-208)	34	248.3	34	248.9	-	-	4	82.5	4	-	-	-	75	227.3	71	225.3	4	-
DIABETES MELLITUS (250)	3	21.9	3	22.0	-	-	1	20.6	1	-	-	-	16	48.5	15	47.6	1	-
DISEASES OF HEART (390-398,402,404-429)	53	387.0	53	388.1	-	-	14	288.9	14	-	-	-	102	309.2	100	317.3	2	-
CEREBROVASCULAR DISEASE (430-438)	7	51.1	7	51.3	-	-	-	-	-	-	-	-	24	72.7	24	76.2	-	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	6	43.8	6	43.9	-	-	1	20.6	1	-	-	-	14	42.4	14	44.4	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	4	29.2	4	29.3	-	-	1	20.6	1	-	-	-	12	36.4	12	38.1	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	-	-	-	-	-	-	3	9.1	3	9.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	7.3	1	7.3	-	-	-	-	-	-	-	-	2	6.1	2	6.3	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	-	-	-	-	-	-	2	6.1	2	6.3	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	-	-	-	-	-	-	1	3.0	1	3.2	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	14.6	2	14.6	-	-	1	20.6	1	-	-	-	8	24.2	8	25.4	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	13	94.9	13	95.2	-	-	-	-	-	-	-	-	20	60.6	19	60.3	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	11	80.3	11	80.5	-	-	-	-	-	-	-	-	10	30.3	10	31.7	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	14.6	2	14.6	-	-	-	-	-	-	-	-	10	30.3	9	28.6	1	-
SUICIDE (E950-E959)	-	-	-	-	-	-	2	41.3	2	-	-	-	5	15.2	5	15.9	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	-	-	-	-	-	-	2	6.1	2	6.3	-	-
ALL OTHER CAUSES	14	102.2	14	102.5	-	-	4	82.5	4	-	-	-	48	145.5	47	149.2	1	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	WASHINGTON						WAYNE						WEAKLEY					
1990 CENSUS POPULATION	ALL RACES 92,315		WHITE 88,409		OTHER RACES 3,906		ALL RACES 13,935		WHITE 13,762		OTHER RACES 173		ALL RACES 31,972		WHITE 29,368		OTHER RACES 2,604	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	1195	12.9	1123	12.7	72	18.4	193	13.9	191	13.9	2	11.6	394	12.3	351	12.0	43	16.5
ILLEGITIMATE BIRTHS	238	19.9	202	18.0	36	50.0	28	14.5	27	14.1	1	-	72	18.3	50	14.2	22	51.2
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	64	5.4	61	5.4	3	4.2	14	7.3	14	7.3	-	-	36	9.1	29	8.3	7	16.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	9	7.5	9	8.0	-	-	1	5.2	1	5.2	-	-	5	12.7	4	11.4	1	23.3
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	7	5.9	7	6.2	-	-	-	-	-	-	-	-	3	7.6	3	8.5	-	-
UNDER 7 DAYS OF AGE	5	4.2	5	4.5	-	-	-	-	-	-	-	-	3	7.6	3	8.5	-	-
7-27 DAYS OF AGE	2	1.7	2	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	7	5.9	7	6.2	-	-	1	5.2	1	5.2	-	-	2	5.1	2	5.7	-	-
INDUCED ABORTIONS	310	259.4	289	254.4	20	339.0	5	25.9	5	26.2	-	-	97	246.2	85	240.8	12	292.7
TOTAL DEATHS	851	9.2	818	9.3	33	8.4	132	9.5	127	9.2	5	28.9	342	10.7	322	11.0	20	7.7
CAUSE OF DEATH																		
SEPTICEMIA (038)	6	6.5	5	5.7	1	-	1	7.2	1	7.3	-	-	1	3.1	1	3.4	-	-
MALIGNANT NEOPLASMS (140-208)	194	210.2	185	209.3	9	-	35	251.2	33	239.8	2	-	75	234.6	71	241.8	4	-
DIABETES MELLITUS (250)	19	20.6	17	19.2	2	-	3	21.5	3	21.8	-	-	4	12.5	4	13.6	-	-
DISEASES OF HEART (390-398,402,404-429)	246	266.5	236	266.9	10	-	40	287.0	38	276.1	2	-	128	400.4	123	418.8	5	-
CEREBROVASCULAR DISEASE (430-438)	58	62.8	55	62.2	3	-	7	50.2	7	50.9	-	-	31	97.0	28	95.3	3	-
ATHEROSCLEROSIS (440)	11	11.9	11	12.4	-	-	4	28.7	3	21.8	1	-	10	31.3	9	30.6	1	-
PNEUMONIA AND INFLUENZA (480-487)	41	44.4	41	46.4	-	-	2	14.4	2	14.5	-	-	10	31.3	10	34.1	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	41	44.4	40	45.2	1	-	7	50.2	7	50.9	-	-	11	34.4	11	37.5	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	14	15.2	13	14.7	1	-	4	28.7	4	29.1	-	-	3	9.4	3	10.2	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4	4.3	3	3.4	1	-	2	14.4	2	14.5	-	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	6	6.5	6	6.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	4	4.3	4	4.5	-	-	-	-	-	-	-	-	3	9.4	3	10.2	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	17	18.4	17	19.2	-	-	2	14.4	2	14.5	-	-	9	28.1	5	17.0	4	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	33	35.7	33	37.3	-	-	9	64.6	9	65.4	-	-	16	50.0	16	54.5	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	17	18.4	17	19.2	-	-	3	21.5	3	21.8	-	-	8	25.0	8	27.2	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	16	17.3	16	18.1	-	-	6	43.1	6	43.6	-	-	8	25.0	8	27.2	-	-
SUICIDE (E950-E959)	10	10.8	10	11.3	-	-	3	21.5	3	21.8	-	-	6	18.8	6	20.4	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	3.2	2	2.3	1	-	-	-	-	-	-	-	1	3.1	1	3.4	-	-
ALL OTHER CAUSES	144	156.0	140	158.4	4	-	13	93.3	13	94.5	-	-	34	106.3	31	105.6	3	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VI(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE STATE AND FOR THE COUNTIES, RESIDENT DATA, TENNESSEE, 1990

	WHITE						WILLIAMSON						WILSON					
1990 CENSUS POPULATION	ALL RACES 20,090		WHITE 19,654		OTHER RACES 436		ALL RACES 81,021		WHITE 74,903		OTHER RACES 6,118		ALL RACES 67,675		WHITE 62,561		OTHER RACES 5,114	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	275	13.7	270	13.7	5	11.5	1130	13.9	1032	13.8	98	16.0	1011	14.9	905	14.5	106	20.7
ILLEGITIMATE BIRTHS	50	18.2	48	17.8	2	-	179	15.8	109	10.6	70	71.4	202	20.0	130	14.4	72	67.9
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	20	7.3	19	7.0	1	-	65	5.8	55	5.3	10	10.2	73	7.2	56	6.2	17	16.0
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	10.9	3	11.1	-	-	9	8.0	8	7.8	1	10.2	9	8.9	6	6.6	3	28.3
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	3.6	1	3.7	-	-	6	5.3	5	4.8	1	10.2	8	7.9	6	6.6	2	18.9
UNDER 7 DAYS OF AGE	1	3.6	1	3.7	-	-	5	4.4	4	3.9	1	10.2	7	6.9	6	6.6	1	9.4
7-27 DAYS OF AGE	-	-	-	-	-	-	1	0.9	1	1.0	-	-	1	1.0	-	-	1	9.4
FETAL DEATHS	3	10.9	2	7.4	1	-	2	1.8	2	1.9	-	-	8	7.9	6	6.6	2	18.9
INDUCED ABORTIONS	37	134.5	37	136.0	-	-	184	162.8	163	156.9	21	230.8	147	145.4	131	143.2	16	166.7
TOTAL DEATHS	233	11.6	223	11.3	10	22.9	464	5.7	416	5.6	48	7.8	475	7.0	423	6.8	52	10.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	4	19.9	4	20.4	-	-	3	3.7	3	4.0	-	-	6	8.9	5	8.0	1	19.6
MALIGNANT NEOPLASMS (140-208)	59	293.7	57	290.0	2	-	120	148.1	109	145.5	11	179.8	110	162.5	93	148.7	17	332.4
DIABETES MELLITUS (250)	5	24.9	5	25.4	-	-	17	21.0	15	20.0	2	32.7	3	4.4	2	3.2	1	19.6
DISEASES OF HEART (390-398,402,404-429)	61	303.6	59	300.2	2	-	144	177.7	128	170.9	16	261.5	159	234.9	146	233.4	13	254.2
CEREBROVASCULAR DISEASE (430-438)	33	164.3	31	157.7	2	-	36	44.4	32	42.7	4	65.4	51	75.4	48	76.7	3	58.7
ATHEROSCLEROSIS (440)	1	5.0	1	5.1	-	-	5	6.2	5	6.7	-	-	2	3.0	2	3.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	12	59.7	12	61.1	-	-	14	17.3	12	16.0	2	32.7	18	26.6	15	24.0	3	58.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	9	44.8	8	40.7	1	-	19	23.5	19	25.4	-	-	10	14.8	10	16.0	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	5.0	1	5.1	-	-	3	3.7	3	4.0	-	-	6	8.9	3	4.8	3	58.7
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	10.0	2	10.2	-	-	3	3.7	2	2.7	1	16.3	4	5.9	3	4.8	1	19.6
CONGENITAL ANOMALIES (740-759)	2	10.0	2	10.2	-	-	4	4.9	4	5.3	-	-	3	4.4	2	3.2	1	19.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	4	4.9	3	4.0	1	16.3	6	8.9	5	8.0	1	19.6
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	10.0	2	10.2	-	-	5	6.2	5	6.7	-	-	7	10.3	7	11.2	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	13	64.7	13	66.1	-	-	17	21.0	17	22.7	-	-	33	48.8	31	49.6	2	39.1
MOTOR VEHICLE ACCIDENTS (E810-E825)	6	29.9	6	30.5	-	-	7	8.6	7	9.3	-	-	24	35.5	23	36.8	1	19.6
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	7	34.8	7	35.6	-	-	10	12.3	10	13.4	-	-	9	13.3	8	12.8	1	19.6
SUICIDE (E950-E959)	3	14.9	3	15.3	-	-	7	8.6	7	9.3	-	-	7	10.3	7	11.2	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	5.0	1	5.1	-	-	1	1.2	1	1.3	-	-	4	5.9	2	3.2	2	39.1
ALL OTHER CAUSES	25	124.4	22	111.9	3	-	62	76.5	51	68.1	11	179.8	46	68.0	42	67.1	4	78.2

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	ATHENS						BARTLETT						BRISTOL					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	12,054		10,825		1,229		26,989		26,022		967		23,421		22,390		1,031	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	177	14.7	155	14.3	22	17.9	289	10.7	277	10.6	12	12.4	284	12.1	277	12.4	7	6.8
ILLEGITIMATE BIRTHS	41	23.2	32	20.6	9	40.9	26	9.0	22	7.9	4	33.3	59	20.8	55	19.9	4	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)........	13	7.3	11	7.1	2	9.1	23	8.0	22	7.9	1	8.3	16	5.6	16	5.8	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	-	-	-	-	-	-	1	3.5	1	3.6	-	-	5	17.6	5	18.1	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	1	3.5	1	3.6	-	-	3	10.6	3	10.8	-	-
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	2	7.0	2	7.2	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	1	3.5	1	3.6	-	-	1	3.5	1	3.6	-	-
FETAL DEATHS	-	-	-	-	-	-	2	6.9	2	7.2	-	-	2	7.0	1	3.6	-	-
INDUCED ABORTIONS	42	237.3	34	213.8	8	444.4	97	335.6	88	315.4	9	900.0	74	260.6	68	244.6	5	-
TOTAL DEATHS	137	11.4	133	12.3	4	3.3	95	3.5	91	3.5	4	4.1	298	12.7	284	12.7	14	13.6
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	8.3	1	9.2	-	-	-	-	-	-	-	-	3	12.8	3	13.4	-	-
MALIGNANT NEOPLASMS (140-208)	33	273.8	32	295.6	1	-	25	92.6	24	92.2	1	-	69	294.6	67	299.2	2	-
DIABETES MELLITUS (250)	2	16.6	2	18.5	-	-	1	3.7	1	3.8	-	-	10	42.7	8	35.7	2	-
DISEASES OF HEART (390-398,402,404-429).......	54	448.0	54	498.8	-	-	34	126.0	34	130.7	-	-	89	380.0	84	375.2	5	-
CEREBROVASCULAR DISEASE (430-438).............	11	91.3	10	92.4	1	-	4	14.8	4	15.4	-	-	18	76.9	17	75.9	1	-
ATHEROSCLEROSIS (440)	2	16.6	1	9.2	1	-	-	-	-	-	-	-	3	12.8	3	13.4	-	-
PNEUMONIA AND INFLUENZA (480-487)	3	24.9	3	27.7	-	-	6	22.2	6	23.1	-	-	18	76.9	17	75.9	1	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).............	3	24.9	2	18.5	1	-	-	-	-	-	-	-	16	68.3	15	67.0	1	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	4	33.2	4	37.0	-	-	1	3.7	1	3.8	-	-	6	25.6	6	26.8	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	8.3	1	9.2	-	-	2	7.4	2	7.7	-	-	2	8.5	2	8.9	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	-	-	-	-	-	-	1	4.3	1	4.5	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	-	-	-	-	-	-	3	12.8	3	13.4	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	1	3.7	1	3.8	-	-	-	-	-	-	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	5	41.5	5	46.2	-	-	7	25.9	6	23.1	1	-	12	51.2	12	53.6	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	3	24.9	3	27.7	-	-	5	18.5	5	19.2	-	-	3	12.8	3	13.4	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	16.6	2	18.5	-	-	2	7.4	1	3.8	1	-	9	38.4	9	40.2	-	-
SUICIDE (E950-E959)	1	8.3	1	9.2	-	-	1	3.7	1	3.8	-	-	6	25.6	6	26.8	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	3	24.9	3	27.7	-	-	-	-	-	-	-	-	2	8.5	2	8.9	-	-
ALL OTHER CAUSES	14	116.1	14	129.3	-	-	13	48.2	11	42.3	2	-	40	170.8	38	169.7	2	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	CHATTANOOGA						CLARKSVILLE						CLEVELAND					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	152,466		99,057		53,409		75,494		56,588		18,906		30,354		27,790		2,564	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	2661	17.5	1423	14.4	1238	23.2	1668	22.1	1155	20.4	513	27.1	552	18.2	495	17.8	57	22.2
ILLEGITIMATE BIRTHS	1231	46.3	308	21.6	923	74.6	362	21.7	176	15.2	186	36.3	145	26.3	111	22.4	34	59.6
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	242	9.1	74	5.2	168	13.6	127	7.6	76	6.6	51	9.9	45	8.2	37	7.5	8	14.0
INFANT DEATHS (UNDER ONE YEAR OF AGE)	24	9.0	11	7.7	13	10.5	12	7.2	8	6.9	4	7.8	3	5.4	3	6.1	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	15	5.6	7	4.9	8	6.5	7	4.2	6	5.2	1	1.9	1	1.8	1	2.0	-	-
UNDER 7 DAYS OF AGE	7	2.6	3	2.1	4	3.2	5	3.0	4	3.5	1	1.9	1	1.8	1	2.0	-	-
7-27 DAYS OF AGE	8	3.0	4	2.8	4	3.2	2	1.2	2	1.7	-	-	-	-	-	-	-	-
FETAL DEATHS	23	8.6	13	9.1	10	8.1	9	5.4	7	6.1	2	3.9	9	16.3	8	16.2	1	17.5
INDUCED ABORTIONS	982	369.0	610	421.0	366	302.0	181	108.5	127	104.7	54	118.7	52	94.2	48	95.6	4	80.0
TOTAL DEATHS	1943	12.7	1330	13.4	613	11.5	458	6.1	342	6.0	116	6.1	371	12.2	350	12.6	21	8.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	15	9.8	6	6.1	9	16.9	-	-	-	-	-	-	1	3.3	1	3.6	-	-
MALIGNANT NEOPLASMS (140-208)	449	294.5	314	317.0	135	252.8	106	140.4	74	130.8	32	169.3	94	309.7	86	309.5	8	-
DIABETES MELLITUS (250)	38	24.9	26	26.2	12	22.5	13	17.2	8	14.1	5	26.4	11	36.2	10	36.0	1	-
DISEASES OF HEART (390-398,402,404-429)	671	440.1	483	487.6	188	352.0	137	181.5	108	190.9	29	153.4	127	418.4	124	446.2	3	-
CEREBROVASCULAR DISEASE (430-438)	136	89.2	92	92.9	44	82.4	46	60.9	36	63.6	10	52.9	26	85.7	24	86.4	2	-
ATHEROSCLEROSIS (440)	13	8.5	10	10.1	3	5.6	3	4.0	3	5.3	-	-	3	9.9	3	10.8	-	-
PNEUMONIA AND INFLUENZA (480-487)	83	54.4	59	59.6	24	44.9	8	10.6	5	8.8	3	15.9	19	62.6	19	68.4	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	95	62.3	75	75.7	20	37.4	14	18.5	8	14.1	6	31.7	9	29.7	9	32.4	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	24	15.7	15	15.1	9	16.9	6	7.9	6	10.6	-	-	5	16.5	5	18.0	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	11	7.2	3	3.0	8	15.0	5	6.6	2	3.5	3	15.9	1	3.3	1	3.6	-	-
CONGENITAL ANOMALIES (740-759)	8	5.2	4	4.0	4	7.5	3	4.0	2	3.5	1	5.3	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	11	7.2	4	4.0	7	13.1	7	9.3	5	8.8	2	10.6	1	3.3	1	3.6	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	7	4.6	3	3.0	4	7.5	10	13.2	6	10.6	4	21.2	9	29.7	9	32.4	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	64	42.0	43	43.4	21	39.3	22	29.1	18	31.8	4	21.2	18	59.3	17	61.2	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	26	17.1	22	22.2	4	7.5	11	14.6	10	17.7	1	5.3	6	19.8	6	21.6	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	38	24.9	21	21.2	17	31.8	11	14.6	8	14.1	3	15.9	12	39.5	11	39.6	1	-
SUICIDE (E950-E959)	18	11.8	12	12.1	6	11.2	10	13.2	10	17.7	-	-	5	16.5	5	18.0	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	34	22.3	7	7.1	27	50.6	5	6.6	2	3.5	3	15.9	2	6.6	1	3.6	1	-
ALL OTHER CAUSES	266	174.5	174	175.7	92	172.3	63	83.5	49	86.6	14	74.1	40	131.8	35	125.9	5	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	COLUMBIA						COOKEVILLE						DYERSBURG					
1990 CENSUS POPULATION	ALL RACES 28,583		WHITE 22,451		OTHER RACES 6,132		ALL RACES 21,744		WHITE 20,660		OTHER RACES 1,084		ALL RACES 16,317		WHITE 13,073		OTHER RACES 3,244	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	492	17.2	352	15.7	140	22.8	302	13.9	285	13.8	17	15.7	309	18.9	221	16.9	88	27.1
ILLEGITIMATE BIRTHS	169	34.3	73	20.7	96	68.6	51	16.9	46	16.1	5	29.4	98	31.7	36	16.3	62	70.5
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	37	7.5	22	6.3	15	10.7	13	4.3	13	4.6	-	-	37	12.0	20	9.0	17	19.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	4.1	1	2.8	1	7.1	2	6.6	1	3.5	1	58.8	6	19.4	3	13.6	3	34.1
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	2.0	-	-	1	7.1	1	3.3	1	3.5	-	-	5	16.2	2	9.0	3	34.1
UNDER 7 DAYS OF AGE	1	2.0	-	-	1	7.1	1	3.3	1	3.5	-	-	4	12.9	1	4.5	3	34.1
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	1	3.2	1	4.5	-	-
FETAL DEATHS	6	12.2	4	11.4	2	14.3	2	6.6	2	7.0	-	-	2	6.5	2	9.0	-	-
INDUCED ABORTIONS	79	160.6	55	154.5	24	176.5	92	304.6	89	306.9	3	250.0	69	223.3	49	219.7	20	232.6
TOTAL DEATHS	307	10.7	250	11.1	57	9.3	163	7.5	161	7.8	2	1.8	225	13.8	187	14.3	38	11.7
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	3	18.4	1	7.6	2	-
MALIGNANT NEOPLASMS (140-208)	64	223.9	54	240.5	10	163.1	42	193.2	41	198.5	1	-	36	220.6	31	237.1	5	-
DIABETES MELLITUS (250)	7	24.5	6	26.7	1	16.3	2	9.2	2	9.7	-	-	2	12.3	2	15.3	-	-
DISEASES OF HEART (390-398,402,404-429)	94	328.9	75	334.1	19	309.8	58	266.7	58	280.7	-	-	74	453.5	66	504.9	8	-
CEREBROVASCULAR DISEASE (430-438)	30	105.0	27	120.3	3	48.9	14	64.4	14	67.8	-	-	12	73.5	11	84.1	1	-
ATHEROSCLEROSIS (440)	4	14.0	2	8.9	2	32.6	2	9.2	2	9.7	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	18	63.0	16	71.3	2	32.6	3	13.8	3	14.5	-	-	8	49.0	4	30.6	4	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	12	42.0	10	44.5	2	32.6	8	36.8	8	38.7	-	-	14	85.8	14	107.1	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	5	17.5	4	17.8	1	16.3	1	4.6	1	4.8	-	-	4	24.5	4	30.6	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5	17.5	4	17.8	1	16.3	2	9.2	2	9.7	-	-	3	18.4	2	15.3	1	-
CONGENITAL ANOMALIES (740-759)	2	7.0	1	4.5	1	16.3	1	4.6	1	4.8	-	-	2	12.3	2	15.3	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	3.5	-	-	1	16.3	-	-	-	-	-	-	4	24.5	1	7.6	3	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	7	24.5	7	31.2	-	-	4	18.4	3	14.5	1	-	18	110.3	15	114.7	3	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	5	17.5	3	13.4	2	32.6	5	23.0	5	24.2	-	-	7	42.9	5	38.2	2	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	1	3.5	1	4.5	-	-	5	23.0	5	24.2	-	-	4	24.5	4	30.6	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	4	14.0	2	8.9	2	32.6	-	-	-	-	-	-	3	18.4	1	7.6	2	-
SUICIDE (E950-E959)	7	24.5	7	31.2	-	-	4	18.4	4	19.4	-	-	1	6.1	1	7.6	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	10.5	1	4.5	2	32.6	3	13.8	3	14.5	-	-	8	49.0	2	15.3	6	-
ALL OTHER CAUSES	43	150.4	33	147.0	10	163.1	14	64.4	14	67.8	-	-	29	177.7	26	198.9	3	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	EAST RIDGE						ELIZABETHTON						FRANKLIN					
1990 CENSUS POPULATION	ALL RACES 21,101		WHITE 20,686		OTHER RACES 415		ALL RACES 11,931		WHITE 11,531		OTHER RACES 400		ALL RACES 20,098		WHITE 16,289		OTHER RACES 3,809	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	151	7.2	148	7.2	3	7.2	158	13.2	147	12.7	11	27.5	404	20.1	325	20.0	79	20.7
ILLEGITIMATE BIRTHS	28	18.5	28	18.9	-	-	45	28.5	37	25.2	8	72.7	79	19.6	24	7.4	55	69.6
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	13	8.6	13	8.8	-	-	16	10.1	14	9.5	2	18.2	25	6.2	16	4.9	9	11.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	13.2	2	13.5	-	-	3	19.0	3	20.4	-	-	5	12.4	4	12.3	1	12.7
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	13.2	2	13.5	-	-	3	19.0	3	20.4	-	-	3	7.4	2	6.2	1	12.7
UNDER 7 DAYS OF AGE	1	6.6	1	6.8	-	-	1	6.3	1	6.8	-	-	2	5.0	1	3.1	1	12.7
7-27 DAYS OF AGE	1	6.6	1	6.8	-	-	2	12.7	2	13.6	-	-	1	2.5	1	3.1	-	-
FETAL DEATHS	-	-	-	-	-	-	-	-	-	-	-	-	1	2.5	1	3.1	-	-
INDUCED ABORTIONS	20	132.5	19	128.4	1	-	20	126.6	19	127.5	1	111.1	75	185.6	65	196.4	10	137.0
TOTAL DEATHS	173	8.2	173	8.4	-	-	221	18.5	215	18.6	6	15.0	195	9.7	168	10.3	27	7.1
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	3	25.1	3	26.0	-	-	3	14.9	3	18.4	-	-
MALIGNANT NEOPLASMS (140-208)	48	227.5	48	232.0	-	-	53	444.2	49	424.9	4	-	42	209.0	38	233.3	4	-
DIABETES MELLITUS (250)	4	19.0	4	19.3	-	-	6	50.3	6	52.0	-	-	7	34.8	5	30.7	2	-
DISEASES OF HEART (390-398,402,404-429)	67	317.5	67	323.9	-	-	75	628.6	74	641.7	1	-	62	308.5	52	319.2	10	-
CEREBROVASCULAR DISEASE (430-438)	11	52.1	11	53.2	-	-	8	67.1	8	69.4	-	-	19	94.5	16	98.2	3	-
ATHEROSCLEROSIS (440)	4	19.0	4	19.3	-	-	1	8.4	1	8.7	-	-	1	5.0	1	6.1	-	-
PNEUMONIA AND INFLUENZA (480-487)	5	23.7	5	24.2	-	-	8	67.1	7	60.7	1	-	6	29.9	6	36.8	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	5	23.7	5	24.2	-	-	7	58.7	7	60.7	-	-	7	34.8	7	43.0	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	3	25.1	3	26.0	-	-	1	5.0	1	6.1	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	9.5	2	9.7	-	-	4	33.5	4	34.7	-	-	2	10.0	1	6.1	1	-
CONGENITAL ANOMALIES (740-759)	2	9.5	2	9.7	-	-	1	8.4	1	8.7	-	-	2	10.0	2	12.3	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	4.7	1	4.8	-	-	2	16.8	2	17.3	-	-	2	10.0	1	6.1	1	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	2	16.8	2	17.3	-	-	1	5.0	1	6.1	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	5	23.7	5	24.2	-	-	8	67.1	8	69.4	-	-	6	29.9	6	36.8	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	3	14.2	3	14.5	-	-	3	25.1	3	26.0	-	-	2	10.0	2	12.3	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	9.5	2	9.7	-	-	5	41.9	5	43.4	-	-	4	19.9	4	24.6	-	-
SUICIDE (E950-E959)	3	14.2	3	14.5	-	-	2	16.8	2	17.3	-	-	4	19.9	4	24.6	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	4.7	1	4.8	-	-	-	-	-	-	-	-	1	5.0	1	6.1	-	-
ALL OTHER CAUSES	15	71.1	15	72.5	-	-	38	318.5	38	329.5	-	-	29	144.3	23	141.2	6	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	GALLATIN						GERMANTOWN						GREENEVILLE					
1990 CENSUS POPULATION	ALL RACES 18,794		WHITE 15,107		OTHER RACES 3,687		ALL RACES 32,893		WHITE 31,299		OTHER RACES 1,594		ALL RACES 13,532		WHITE 12,631		OTHER RACES 901	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	334	17.8	271	17.9	63	17.1	285	8.7	261	8.3	24	15.1	187	13.8	176	13.9	11	12.2
ILLEGITIMATE BIRTHS	113	33.8	69	25.5	44	69.8	14	4.9	11	4.2	3	12.5	65	34.8	56	31.8	9	81.8
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	23	6.9	18	6.6	5	7.9	14	4.9	12	4.6	2	8.3	18	9.6	15	8.5	3	27.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	9.0	2	7.4	1	15.9	1	3.5	-	-	1	41.7	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	3.0	1	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	1	3.0	1	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	2	6.0	2	7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
INDUCED ABORTIONS	45	134.7	35	126.8	9	155.2	78	273.7	72	274.8	5	217.4	51	272.7	48	266.7	3	428.6
TOTAL DEATHS	210	11.2	172	11.4	38	10.3	128	3.9	125	4.0	3	1.9	195	14.4	188	14.9	7	7.8
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	1	7.4	1	7.9	-	-
MALIGNANT NEOPLASMS (140-208)	47	250.1	42	278.0	5	-	34	103.4	32	102.2	2	-	40	295.6	39	308.8	1	-
DIABETES MELLITUS (250)	3	16.0	2	13.2	1	-	3	9.1	3	9.6	-	-	3	22.2	3	23.8	-	-
DISEASES OF HEART (390-398,402,404-429)	78	415.0	64	423.6	14	-	33	100.3	33	105.4	-	-	60	443.4	59	467.1	1	-
CEREBROVASCULAR DISEASE (430-438)	15	79.8	8	53.0	7	-	6	18.2	6	19.2	-	-	24	177.4	22	174.2	2	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	-	-	-	-	-	-	4	29.6	4	31.7	-	-
PNEUMONIA AND INFLUENZA (480-487)	10	53.2	9	59.6	1	-	5	15.2	5	16.0	-	-	9	66.5	9	71.3	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	9	47.9	9	59.6	-	-	7	21.3	7	22.4	-	-	11	81.3	11	87.1	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	10.6	1	6.6	1	-	3	9.1	3	9.6	-	-	2	14.8	2	15.8	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	2	10.6	2	13.2	-	-	1	3.0	1	3.2	-	-	1	7.4	1	7.9	-	-
CONGENITAL ANOMALIES (740-759)	1	5.3	-	-	1	-	1	3.0	1	3.2	-	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	5.3	1	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	-	-	-	-	-	-	3	9.1	2	6.4	1	-	3	22.2	3	23.8	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	9	47.9	9	59.6	-	-	7	21.3	7	22.4	-	-	8	59.1	8	63.3	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	3	16.0	3	19.9	-	-	4	12.2	4	12.8	-	-	7	51.7	7	55.4	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6	31.9	6	39.7	-	-	3	9.1	3	9.6	-	-	1	7.4	1	7.9	-	-
SUICIDE (E950-E959)	5	26.6	4	26.5	1	-	4	12.2	4	12.8	-	-	4	29.6	4	31.7	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	16.0	1	6.6	2	-	2	6.1	2	6.4	-	-	2	14.8	1	7.9	1	-
ALL OTHER CAUSES	25	133.0	20	132.4	5	-	19	57.8	19	60.7	-	-	23	170.0	21	166.3	2	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	HENDERSONVILLE						HUMBOLDT						JACKSON					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	32,188		31,126		1,062		9,651		5,895		3,756		48,949		28,943		20,006	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	420	13.0	403	12.9	17	16.0	178	18.4	84	14.2	94	25.0	837	17.1	385	13.3	452	22.6
ILLEGITIMATE BIRTHS	65	15.5	58	14.4	7	41.2	70	39.3	10	11.9	60	63.8	411	49.1	62	16.1	349	77.2
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)........	27	6.4	26	6.5	1	5.9	19	10.7	4	4.8	15	16.0	73	8.7	19	4.9	54	11.9
INFANT DEATHS (UNDER ONE YEAR OF AGE)	1	2.4	1	2.5	-	-	3	16.9	-	-	3	31.9	14	16.7	2	5.2	12	26.5
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	-	-	-	-	-	-	1	5.6	-	-	1	10.6	9	10.8	2	5.2	7	15.5
UNDER 7 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	8	9.6	2	5.2	6	13.3
7-27 DAYS OF AGE	-	-	-	-	-	-	1	5.6	-	-	1	10.6	1	1.2	-	-	1	2.2
FETAL DEATHS	6	14.3	6	14.9	-	-	2	11.2	-	-	2	21.3	9	10.8	2	5.2	7	15.5
INDUCED ABORTIONS	83	197.6	80	196.6	3	230.8	34	191.0	22	255.8	12	130.4	284	339.3	168	431.9	116	258.9
TOTAL DEATHS	191	5.9	188	6.0	3	2.8	115	11.9	79	13.4	36	9.6	588	12.0	408	14.1	180	9.0
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	-	-	-	-	-	-	3	6.1	3	10.4	-	-
MALIGNANT NEOPLASMS (140-208)	55	170.9	54	173.5	1	-	24	248.7	19	322.3	5	-	122	249.2	88	304.0	34	169.9
DIABETES MELLITUS (250)	-	-	-	-	-	-	1	10.4	1	17.0	-	-	10	20.4	5	17.3	5	25.0
DISEASES OF HEART (390-398,402,404-429).......	62	192.6	62	199.2	-	-	50	518.1	37	627.7	13	-	175	357.5	139	480.3	36	179.9
CEREBROVASCULAR DISEASE (430-438).............	15	46.6	14	45.0	1	-	11	114.0	7	118.7	4	-	59	120.5	40	138.2	19	95.0
ATHEROSCLEROSIS (440)	1	3.1	1	3.2	-	-	1	10.4	1	17.0	-	-	7	14.3	4	13.8	3	15.0
PNEUMONIA AND INFLUENZA (480-487)	8	24.9	8	25.7	-	-	4	41.4	3	50.9	1	-	14	28.6	12	41.5	2	10.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).............	10	31.1	9	28.9	1	-	3	31.1	1	17.0	2	-	24	49.0	20	69.1	4	20.0
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	-	-	-	-	-	-	1	10.4	1	17.0	-	-	5	10.2	4	13.8	1	5.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	3.1	1	3.2	-	-	6	62.2	3	50.9	3	-	4	8.2	-	-	4	20.0
CONGENITAL ANOMALIES (740-759)	2	6.2	2	6.4	-	-	-	-	-	-	-	-	3	6.1	-	-	3	15.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	1	10.4	-	-	1	-	7	14.3	2	6.9	5	25.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	3.1	1	3.2	-	-	3	31.1	-	-	3	-	30	61.3	10	34.6	20	100.0
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	8	24.9	8	25.7	-	-	-	-	-	-	-	-	20	40.9	15	51.8	5	25.0
MOTOR VEHICLE ACCIDENTS (E810-E825)	3	9.3	3	9.6	-	-	-	-	-	-	-	-	10	20.4	9	31.1	1	5.0
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5	15.5	5	16.1	-	-	-	-	-	-	-	-	10	20.4	6	20.7	4	20.0
SUICIDE (E950-E959)	7	21.7	7	22.5	-	-	-	-	-	-	-	-	9	18.4	6	20.7	3	15.0
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	-	-	-	-	-	-	-	-	-	-	-	-	8	16.3	1	3.5	7	35.0
ALL OTHER CAUSES	21	65.2	21	67.5	-	-	10	103.6	6	101.8	4	-	88	179.8	59	203.8	29	145.0

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TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	JOHNSON CITY						KINGSPORT						KNOXVILLE					
1990 CENSUS POPULATION	ALL RACES 49,381		WHITE 45,971		OTHER RACES 3,410		ALL RACES 36,365		WHITE 34,480		OTHER RACES 1,885		ALL RACES 165,121		WHITE 136,604		OTHER RACES 28,517	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	625	12.7	560	12.2	65	19.1	542	14.9	499	14.5	43	22.8	2565	15.5	1993	14.6	572	20.1
ILLEGITIMATE BIRTHS	157	25.1	124	22.1	33	50.8	154	28.4	128	25.7	26	60.5	822	32.0	448	22.5	374	65.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	36	5.8	32	5.7	4	6.2	35	6.5	29	5.8	6	14.0	223	8.7	150	7.5	73	12.8
INFANT DEATHS (UNDER ONE YEAR OF AGE)	7	11.2	7	12.5	-	-	3	5.5	2	4.0	1	23.3	21	8.2	15	7.5	6	10.5
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	5	8.0	5	8.9	-	-	3	5.5	2	4.0	1	23.3	18	7.0	13	6.5	5	8.7
UNDER 7 DAYS OF AGE	3	4.8	3	5.4	-	-	3	5.5	2	4.0	1	23.3	17	6.6	13	6.5	4	7.0
7-27 DAYS OF AGE	2	3.2	2	3.6	-	-	-	-	-	-	-	-	1	0.4	-	-	1	1.7
FETAL DEATHS	3	4.8	3	5.4	-	-	3	5.5	3	6.0	-	-	10	3.9	7	3.5	3	5.2
INDUCED ABORTIONS	175	280.0	161	281.5	14	264.2	179	330.3	174	343.9	5	138.9	1449	564.9	1184	584.1	264	490.7
TOTAL DEATHS	522	10.6	491	10.7	31	9.1	496	13.6	478	13.9	18	9.5	2138	12.9	1831	13.4	307	10.8
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	2.0	-	-	1	-	1	2.7	1	2.9	-	-	8	4.8	8	5.9	-	-
MALIGNANT NEOPLASMS (140-208)	127	257.2	119	258.9	8	-	98	269.5	92	266.8	6	-	499	302.2	419	306.7	80	280.5
DIABETES MELLITUS (250)	14	28.4	12	26.1	2	-	8	22.0	8	23.2	-	-	30	18.2	22	16.1	8	28.1
DISEASES OF HEART (390-398,402,404-429)	147	297.7	138	300.2	9	-	176	484.0	168	487.2	8	-	563	341.0	511	374.1	52	182.3
CEREBROVASCULAR DISEASE (430-438)	40	81.0	37	80.5	3	-	45	123.7	45	130.5	-	-	162	98.1	140	102.5	22	77.1
ATHEROSCLEROSIS (440)	5	10.1	5	10.9	-	-	3	8.2	3	8.7	-	-	44	26.6	39	28.5	5	17.5
PNEUMONIA AND INFLUENZA (480-487)	22	44.6	22	47.9	-	-	17	46.7	17	49.3	-	-	57	34.5	53	38.8	4	14.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	22	44.6	21	45.7	1	-	26	71.5	26	75.4	-	-	95	57.5	90	65.9	5	17.5
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	10	20.3	9	19.6	1	-	6	16.5	6	17.4	-	-	23	13.9	18	13.2	5	17.5
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	6.1	2	4.4	1	-	2	5.5	2	5.8	-	-	12	7.3	5	3.7	7	24.5
CONGENITAL ANOMALIES (740-759)	4	8.1	4	8.7	-	-	3	8.2	2	5.8	1	-	6	3.6	5	3.7	1	3.5
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	3	6.1	3	6.5	-	-	-	-	-	-	-	-	15	9.1	11	8.1	4	14.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	10	20.3	10	21.8	-	-	3	8.2	3	8.7	-	-	172	104.2	140	102.5	32	112.2
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	18	36.5	18	39.2	-	-	24	66.0	23	66.7	1	-	75	45.4	59	43.2	16	56.1
MOTOR VEHICLE ACCIDENTS (E810-E825)	6	12.2	6	13.1	-	-	13	35.7	12	34.8	1	-	37	22.4	30	22.0	7	24.5
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	12	24.3	12	26.1	-	-	11	30.2	11	31.9	-	-	38	23.0	29	21.2	9	31.6
SUICIDE (E950-E959)	9	18.2	9	19.6	-	-	8	22.0	8	23.2	-	-	31	18.8	27	19.8	4	14.0
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	3	6.1	2	4.4	1	-	4	11.0	3	8.7	1	-	21	12.7	7	5.1	14	49.1
ALL OTHER CAUSES	84	170.1	80	174.0	4	-	72	198.0	71	205.9	1	-	325	196.8	277	202.8	48	168.3

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	LAWRENCEBURG						LEBANON						MCMINNVILLE					
	ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
1990 CENSUS POPULATION	10,412		9,954		458		15,280		12,771		2,437		11,194		10,503		691	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	173	16.6	166	16.7	7	15.3	282	18.5	218	17.1	64	26.3	192	17.2	176	16.8	16	23.2
ILLEGITIMATE BIRTHS	35	20.2	32	19.3	3	-	100	35.5	49	22.5	51	79.7	50	26.0	38	21.6	12	75.0
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)........	10	5.8	10	6.0	-	-	36	12.8	21	9.6	15	23.4	19	9.9	14	8.0	5	31.3
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	11.6	2	12.0	-	-	5	17.7	3	13.8	2	31.3	4	20.8	4	22.7	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	5.8	1	6.0	-	-	4	14.2	3	13.8	1	15.6	2	10.4	2	11.4	-	-
UNDER 7 DAYS OF AGE	1	5.8	1	6.0	-	-	3	10.6	3	13.8	-	-	2	10.4	2	11.4	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	1	3.5	-	-	1	15.6	-	-	-	-	-	-
FETAL DEATHS	1	5.8	1	6.0	-	-	1	3.5	-	-	1	15.6	-	-	-	-	-	-
INDUCED ABORTIONS	14	80.9	13	76.9	1	-	63	223.4	54	246.6	9	142.9	30	156.3	26	146.1	4	285.7
TOTAL DEATHS	123	11.8	118	11.9	5	10.9	176	11.5	143	11.2	33	13.5	159	14.2	154	14.7	5	7.2
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	9.6	1	10.0	-	-	5	32.7	4	31.3	1	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	27	259.3	27	271.2	-	-	40	261.8	32	250.6	8	-	38	339.5	35	333.2	3	-
DIABETES MELLITUS (250)	3	28.8	3	30.1	-	-	1	6.5	1	7.8	-	-	9	80.4	9	85.7	-	-
DISEASES OF HEART (390-398,402,404-429).......	43	413.0	40	401.8	3	-	60	392.7	50	391.5	10	-	47	419.9	46	438.0	1	-
CEREBROVASCULAR DISEASE (430-438).............	8	76.8	8	80.4	-	-	12	78.5	11	86.1	1	-	10	89.3	10	95.2	-	-
ATHEROSCLEROSIS (440)	-	-	-	-	-	-	1	6.5	1	7.8	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	8	76.8	7	70.3	1	-	8	52.4	6	47.0	2	-	9	80.4	9	85.7	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)............	7	67.2	7	70.3	-	-	6	39.3	6	47.0	-	-	3	26.8	3	28.6	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	9.6	1	10.0	-	-	5	32.7	2	15.7	3	-	1	8.9	1	9.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	4	38.4	4	40.2	-	-	2	13.1	1	7.8	1	-	1	8.9	1	9.5	-	-
CONGENITAL ANOMALIES (740-759)	1	9.6	1	10.0	-	-	1	6.5	1	7.8	-	-	1	8.9	1	9.5	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	9.6	1	10.0	-	-	3	19.6	2	15.7	1	-	1	8.9	1	9.5	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	1	9.6	1	10.0	-	-	3	19.6	3	23.5	-	-	3	26.8	3	28.6	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	3	28.8	3	30.1	-	-	7	45.8	6	47.0	1	-	8	71.5	8	76.2	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	-	-	-	-	-	-	6	39.3	5	39.2	1	-	6	53.6	6	57.1	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	3	28.8	3	30.1	-	-	1	6.5	1	7.8	-	-	2	17.9	2	19.0	-	-
SUICIDE (E950-E959)	2	19.2	2	20.1	-	-	2	13.1	2	15.7	-	-	1	8.9	1	9.5	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	-	-	-	-	-	-	2	13.1	1	7.8	1	-	2	17.9	2	19.0	-	-
ALL OTHER CAUSES	13	124.9	12	120.6	1	-	18	117.8	14	109.6	4	-	25	223.3	24	228.5	1	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	MARYVILLE						MEMPHIS						MILLINGTON					
1990 CENSUS POPULATION	ALL RACES 19,208		WHITE 18,340		OTHER RACES 868		ALL RACES 610,337		WHITE 268,600		OTHER RACES 341,737		ALL RACES 17,866		WHITE 14,086		OTHER RACES 3,780	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	306	15.9	276	15.0	30	34.6	12601	20.6	3795	14.1	8804	25.8	454	25.4	325	23.1	129	34.1
ILLEGITIMATE BIRTHS	67	21.9	51	18.5	16	53.3	7069	56.1	642	16.9	6426	73.0	102	22.5	45	13.8	57	44.2
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)........	14	4.6	11	4.0	3	10.0	1509	12.0	263	6.9	1245	14.1	27	5.9	19	5.8	8	6.2
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	6.5	2	7.2	-	-	212	16.8	35	9.2	177	20.1	4	8.8	4	12.3	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	6.5	2	7.2	-	-	142	11.3	20	5.3	122	13.9	2	4.4	2	6.2	-	-
UNDER 7 DAYS OF AGE	2	6.5	2	7.2	-	-	111	8.8	17	4.5	94	10.7	-	-	-	-	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	31	2.5	3	0.8	28	3.2	2	4.4	2	6.2	-	-
FETAL DEATHS	2	6.5	2	7.2	-	-	78	6.2	16	4.2	62	7.0	3	6.6	2	6.2	1	7.8
INDUCED ABORTIONS	99	323.5	95	344.2	4	133.3	6313	501.0	1841	479.4	4463	509.5	127	279.7	80	244.6	47	370.1
TOTAL DEATHS	233	12.1	230	12.5	3	3.5	6687	11.0	3319	12.4	3368	9.9	97	5.4	77	5.5	20	5.3
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-	71	11.6	26	9.7	45	13.2	1	5.6	1	7.1	-	-
MALIGNANT NEOPLASMS (140-208)	52	270.7	51	278.1	1	-	1516	248.4	833	310.1	683	199.9	20	111.9	18	127.8	2	-
DIABETES MELLITUS (250)	1	5.2	1	5.5	-	-	107	17.5	46	17.1	61	17.8	2	11.2	1	7.1	1	-
DISEASES OF HEART (390-398,402,404-429).......	69	359.2	68	370.8	1	-	2127	348.5	1075	400.2	1052	307.8	26	145.5	22	156.2	4	-
CEREBROVASCULAR DISEASE (430-438)............	24	124.9	24	130.9	-	-	556	91.1	272	101.3	284	83.1	11	61.6	8	56.8	3	-
ATHEROSCLEROSIS (440)	2	10.4	2	10.9	-	-	16	2.6	11	4.1	5	1.5	2	11.2	2	14.2	-	-
PNEUMONIA AND INFLUENZA (480-487)	9	46.9	9	49.1	-	-	240	39.3	141	52.5	99	29.0	4	22.4	4	28.4	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)............	7	36.4	7	38.2	-	-	248	40.6	170	63.3	78	22.8	3	16.8	1	7.1	2	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	5.2	1	5.5	-	-	79	12.9	36	13.4	43	12.6	-	-	-	-	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	15.6	3	16.4	-	-	70	11.5	27	10.1	43	12.6	2	11.2	2	14.2	-	-
CONGENITAL ANOMALIES (740-759)	1	5.2	1	5.5	-	-	51	8.4	14	5.2	37	10.8	1	5.6	1	7.1	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	5.2	1	5.5	-	-	116	19.0	13	4.8	103	30.1	1	5.6	1	7.1	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	8	41.6	8	43.6	-	-	88	14.4	36	13.4	52	15.2	1	5.6	1	7.1	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	10	52.1	10	54.5	-	-	258	42.3	122	45.4	136	39.8	9	50.4	5	35.5	4	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	4	20.8	4	21.8	-	-	109	17.9	44	16.4	65	19.0	6	33.6	3	21.3	3	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6	31.2	6	32.7	-	-	149	24.4	78	29.0	71	20.8	3	16.8	2	14.2	1	-
SUICIDE (E950-E959)	1	5.2	1	5.5	-	-	103	16.9	64	23.8	39	11.4	2	11.2	2	14.2	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	-	-	-	-	-	-	207	33.9	23	8.6	184	53.8	2	11.2	1	7.1	1	-
ALL OTHER CAUSES	44	229.1	43	234.5	1	-	834	136.6	410	152.6	424	124.1	10	56.0	7	49.7	3	-

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TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	MORRISTOWN						MURFREESBORO						NASHVILLE					
1990 CENSUS POPULATION	ALL RACES 21,385		WHITE 19,324		OTHER RACES 2,061		ALL RACES 44,922		WHITE 36,977		OTHER RACES 7,945		ALL RACES 510,784		WHITE 381,740		OTHER RACES 129,044	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	397	18.6	350	18.1	47	22.8	702	15.6	540	14.6	162	20.4	8706	17.0	5856	15.3	2847	22.1
ILLEGITIMATE BIRTHS	124	31.2	96	27.4	28	59.6	200	28.5	109	20.2	91	56.2	3094	35.5	1176	20.1	1918	67.4
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	28	7.1	23	6.6	5	10.6	53	7.5	36	6.7	17	10.5	787	9.0	405	6.9	382	13.4
INFANT DEATHS (UNDER ONE YEAR OF AGE)	4	10.1	4	11.4	-	-	3	4.3	2	3.7	1	6.2	83	9.5	36	6.1	47	16.5
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	1	2.5	1	2.9	-	-	-	-	-	-	-	-	53	6.1	26	4.4	27	9.5
UNDER 7 DAYS OF AGE	1	2.5	1	2.9	-	-	-	-	-	-	-	-	45	5.2	23	3.9	22	7.7
7-27 DAYS OF AGE	-	-	-	-	-	-	-	-	-	-	-	-	8	0.9	3	0.5	5	1.8
FETAL DEATHS	3	7.6	3	8.6	-	-	11	15.7	6	11.1	5	30.9	48	5.5	23	3.9	25	8.8
INDUCED ABORTIONS	100	251.9	92	256.3	8	210.5	180	256.4	146	263.5	32	216.2	2488	285.8	1629	273.2	854	311.6
TOTAL DEATHS	322	15.1	302	15.6	20	9.7	364	8.1	306	8.3	58	7.3	4605	9.0	3458	9.1	1147	8.9
CAUSE OF DEATH																		
SEPTICEMIA (038)	1	4.7	1	5.2	-	-	2	4.5	2	5.4	-	-	25	4.9	21	5.5	4	3.1
MALIGNANT NEOPLASMS (140-208)	60	280.6	56	289.8	4	-	82	182.5	68	183.9	14	176.2	1037	203.0	767	200.9	270	209.2
DIABETES MELLITUS (250)	3	14.0	3	15.5	-	-	10	22.3	8	21.6	2	25.2	97	19.0	67	17.6	30	23.2
DISEASES OF HEART (390-398,402,404-429)	112	523.7	105	543.4	7	-	134	298.3	109	294.8	25	314.7	1539	301.3	1191	312.0	348	269.7
CEREBROVASCULAR DISEASE (430-438)	47	219.8	45	232.9	2	-	40	89.0	36	97.4	4	50.3	344	67.3	273	71.5	71	55.0
ATHEROSCLEROSIS (440)	4	18.7	4	20.7	-	-	2	4.5	2	5.4	-	-	18	3.5	17	4.5	1	0.8
PNEUMONIA AND INFLUENZA (480-487)	13	60.8	11	56.9	2	-	10	22.3	9	24.3	1	12.6	186	36.4	142	37.2	44	34.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	16	74.8	15	77.6	1	-	9	20.0	9	24.3	-	-	185	36.2	156	40.9	29	22.5
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	6	28.1	6	31.0	-	-	4	8.9	4	10.8	-	-	56	11.0	38	10.0	18	13.9
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	14.0	1	5.2	2	-	3	6.7	3	8.1	-	-	48	9.4	34	8.9	14	10.8
CONGENITAL ANOMALIES (740-759)	4	18.7	4	20.7	-	-	2	4.5	2	5.4	-	-	30	5.9	18	4.7	12	9.3
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	1	2.2	1	2.7	-	-	39	7.6	18	4.7	21	16.3
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	9.4	1	5.2	1	-	2	4.5	1	2.7	1	12.6	33	6.5	21	5.5	12	9.3
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	21	98.2	21	108.7	-	-	7	15.6	6	16.2	1	12.6	199	39.0	137	35.9	62	48.0
MOTOR VEHICLE ACCIDENTS (E810-E825)	15	70.1	15	77.6	-	-	2	4.5	2	5.4	-	-	115	22.5	82	21.5	33	25.6
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6	28.1	6	31.0	-	-	5	11.1	4	10.8	1	12.6	84	16.4	55	14.4	29	22.5
SUICIDE (E950-E959)	4	18.7	3	15.5	1	-	6	13.4	6	16.2	-	-	67	13.1	57	14.9	10	7.7
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	-	-	-	-	-	-	3	6.7	2	5.4	1	12.6	73	14.3	26	6.8	47	36.4
ALL OTHER CAUSES	26	121.6	26	134.5	-	-	47	104.6	38	102.8	9	113.3	629	123.1	475	124.4	154	119.3

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	OAK RIDGE						PARIS						RED-BANK					
1990 CENSUS POPULATION	ALL RACES 27,310		WHITE 24,409		OTHER RACES 2,901		ALL RACES 9,332		WHITE 7,298		OTHER RACES 2,034		ALL RACES 12,322		WHITE 11,464		OTHER RACES 858	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	299	10.9	225	9.2	74	25.5	138	14.8	87	11.9	51	25.1	51	4.1	48	4.2	3	3.5
ILLEGITIMATE BIRTHS	84	28.1	45	20.0	39	52.7	59	42.8	24	27.6	35	68.6	15	29.4	13	27.1	2	-
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	19	6.4	9	4.0	10	13.5	13	9.4	3	3.4	10	19.6	2	3.9	2	4.2	-	-
INFANT DEATHS (UNDER ONE YEAR OF AGE)	2	6.7	1	4.4	1	13.5	2	14.5	-	-	2	39.2	-	-	-	-	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	6.7	1	4.4	1	13.5	2	14.5	-	-	2	39.2	-	-	-	-	-	-
UNDER 7 DAYS OF AGE	1	3.3	1	4.4	-	-	2	14.5	-	-	2	39.2	-	-	-	-	-	-
7-27 DAYS OF AGE	1	3.3	-	-	1	13.5	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS	2	6.7	2	8.9	-	-	2	14.5	-	-	2	39.2	-	-	-	-	-	-
INDUCED ABORTIONS	89	297.7	74	320.3	15	220.6	42	304.3	34	386.4	8	160.0	7	137.3	6	125.0	1	-
TOTAL DEATHS	255	9.3	239	9.8	16	5.5	175	18.8	134	18.4	41	20.2	82	6.7	82	7.2	-	-
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	7.3	2	8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	70	256.3	68	278.6	2	-	39	417.9	28	383.7	11	-	16	129.8	16	139.6	-	-
DIABETES MELLITUS (250)	7	25.6	6	24.6	1	-	5	53.6	4	54.8	1	-	1	8.1	1	8.7	-	-
DISEASES OF HEART (390-398,402,404-429)	63	230.7	57	233.5	6	-	69	739.4	53	726.2	16	-	29	235.4	29	253.0	-	-
CEREBROVASCULAR DISEASE (430-438)	13	47.6	13	53.3	-	-	21	225.0	19	260.3	2	-	9	73.0	9	78.5	-	-
ATHEROSCLEROSIS (440)	3	11.0	3	12.3	-	-	1	10.7	1	13.7	-	-	-	-	-	-	-	-
PNEUMONIA AND INFLUENZA (480-487)	13	47.6	12	49.2	1	-	3	32.1	2	27.4	1	-	3	24.3	3	26.2	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	10	36.6	10	41.0	-	-	5	53.6	4	54.8	1	-	3	24.3	3	26.2	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	6	22.0	6	24.6	-	-	1	10.7	-	-	1	-	1	8.1	1	8.7	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	3	11.0	3	12.3	-	-	2	21.4	1	13.7	1	-	-	-	-	-	-	-
CONGENITAL ANOMALIES (740-759)	2	7.3	1	4.1	1	-	-	-	-	-	-	-	1	8.1	1	8.7	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	-	-	-	-	-	-	2	21.4	-	-	2	-	-	-	-	-	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	9	33.0	7	28.7	2	-	1	10.7	1	13.7	-	-	1	8.1	1	8.7	-	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	8	29.3	8	32.8	-	-	2	21.4	2	27.4	-	-	4	32.5	4	34.9	-	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	3	11.0	3	12.3	-	-	1	10.7	1	13.7	-	-	1	8.1	1	8.7	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	5	18.3	5	20.5	-	-	1	10.7	1	13.7	-	-	3	24.3	3	26.2	-	-
SUICIDE (E950-E959)	8	29.3	8	32.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	1	3.7	1	4.1	-	-	1	10.7	1	13.7	-	-	1	8.1	1	8.7	-	-
ALL OTHER CAUSES	37	135.5	34	139.3	3	-	23	246.5	18	246.6	5	-	13	105.5	13	113.4	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	SHELBYVILLE						SPRINGFIELD						TULLAHOMA					
1990 CENSUS POPULATION	ALL RACES 14,049		WHITE 11,475		OTHER RACES 2,574		ALL RACES 11,227		WHITE 7,800		OTHER RACES 3,427		ALL RACES 16,761		WHITE 15,405		OTHER RACES 1,356	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	225	16.0	189	16.5	36	14.0	241	21.5	155	19.9	86	25.1	281	16.8	249	16.2	32	23.6
ILLEGITIMATE BIRTHS	78	34.7	55	29.1	23	63.9	93	38.6	29	18.7	64	74.4	66	23.5	49	19.7	17	53.1
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)........	22	9.8	14	7.4	8	22.2	19	7.9	8	5.2	11	12.8	26	9.3	22	8.8	4	12.5
INFANT DEATHS (UNDER ONE YEAR OF AGE)	5	22.2	5	26.5	-	-	1	4.1	-	-	1	11.6	1	3.6	1	4.0	-	-
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	8.9	2	10.6	-	-	1	4.1	-	-	1	11.6	1	3.6	1	4.0	-	-
UNDER 7 DAYS OF AGE	2	8.9	2	10.6	-	-	-	-	-	-	-	-	1	3.6	1	4.0	-	-
7-27 DAYS OF AGE	-	-	-	-	-	-	1	4.1	-	-	1	11.6	-	-	-	-	-	-
FETAL DEATHS	4	17.8	2	10.6	2	55.6	5	20.7	2	12.9	3	34.9	-	-	-	-	-	-
INDUCED ABORTIONS	18	80.0	13	68.1	5	147.1	27	112.0	17	109.0	10	117.6	11	39.1	10	39.4	1	37.0
TOTAL DEATHS	206	14.7	174	15.2	32	12.4	179	15.9	128	16.4	51	14.9	159	9.5	153	9.9	6	4.4
CAUSE OF DEATH																		
SEPTICEMIA (038)	2	14.2	2	17.4	-	-	5	44.5	4	51.3	1	-	-	-	-	-	-	-
MALIGNANT NEOPLASMS (140-208)	43	306.1	37	322.4	6	-	36	320.7	23	294.9	13	-	42	250.6	41	266.1	1	-
DIABETES MELLITUS (250)	5	35.6	5	43.6	-	-	7	62.3	4	51.3	3	-	4	23.9	4	26.0	-	-
DISEASES OF HEART (390-398,402,404-429).......	69	491.1	56	488.0	13	-	57	507.7	42	538.5	15	-	56	334.1	53	344.0	3	-
CEREBROVASCULAR DISEASE (430-438).............	15	106.8	12	104.6	3	-	23	204.9	19	243.6	4	-	12	71.6	12	77.9	-	-
ATHEROSCLEROSIS (440)	1	7.1	1	8.7	-	-	1	8.9	1	12.8	-	-	1	6.0	1	6.5	-	-
PNEUMONIA AND INFLUENZA (480-487)	9	64.1	9	78.4	-	-	7	62.3	5	64.1	2	-	6	35.8	6	38.9	-	-
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496).............	14	99.7	13	113.3	1	-	10	89.1	7	89.7	3	-	5	29.8	5	32.5	-	-
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	2	14.2	2	17.4	-	-	3	26.7	1	12.8	2	-	1	6.0	1	6.5	-	-
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	5	35.6	4	34.9	1	-	-	-	-	-	-	-	1	6.0	1	6.5	-	-
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-	1	8.9	-	-	1	-	-	-	-	-	-	-
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	2	14.2	2	17.4	-	-	-	-	-	-	-	-	1	6.0	1	6.5	-	-
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	14.2	2	17.4	-	-	-	-	-	-	-	-	3	17.9	2	13.0	1	-
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	11	78.3	9	78.4	2	-	6	53.4	6	76.9	-	-	4	23.9	3	19.5	1	-
MOTOR VEHICLE ACCIDENTS (E810-E825)	5	35.6	3	26.1	2	-	1	8.9	1	12.8	-	-	2	11.9	2	13.0	-	-
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	6	42.7	6	52.3	-	-	5	44.5	5	64.1	-	-	2	11.9	1	6.5	1	-
SUICIDE (E950-E959)	1	7.1	1	8.7	-	-	2	17.8	2	25.6	-	-	2	11.9	2	13.0	-	-
HOMICIDE AND LEGAL INTERVENTION (E960-E978) ..	-	-	-	-	-	-	1	8.9	1	12.8	-	-	-	-	-	-	-	-
ALL OTHER CAUSES	25	177.9	19	165.6	6	-	20	178.1	13	166.7	7	-	21	125.3	21	136.3	-	-

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VII(CONTINUED)-BIRTHS, INFANT DEATHS, FETAL DEATHS, INDUCED ABORTIONS, AND DEATHS FROM SELECTED CAUSES (9TH REV. ICD), WITH RATES, BY RACE, FOR THE CITIES OF 10,000 OR MORE POPULATION, RESIDENT DATA, TENNESSEE, 1990

	UNION CITY																	
1990 CENSUS POPULATION	ALL RACES 10,513		WHITE 8,230		OTHER RACES 2,283		ALL RACES		WHITE		OTHER RACES		ALL RACES		WHITE		OTHER RACES	
	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE
LIVE BIRTHS	196	18.6	128	15.6	68	29.8												
ILLEGITIMATE BIRTHS	87	44.4	30	23.4	57	83.8												
LOW BIRTHWEIGHT (LESS THAN 2500 GRAMS)	17	8.7	9	7.0	8	11.8												
INFANT DEATHS (UNDER ONE YEAR OF AGE)	3	15.3	2	15.6	1	14.7												
NEONATAL DEATHS (UNDER 28 DAYS OF AGE)	2	10.2	1	7.8	1	14.7												
UNDER 7 DAYS OF AGE	1	5.1	-	-	1	14.7												
7-27 DAYS OF AGE	1	5.1	1	7.8	-	-												
FETAL DEATHS	1	5.1	1	7.8	-	-												
INDUCED ABORTIONS	32	163.3	25	192.3	7	106.1												
TOTAL DEATHS	145	13.8	121	14.7	24	10.5												
CAUSE OF DEATH																		
SEPTICEMIA (038)	-	-	-	-	-	-												
MALIGNANT NEOPLASMS (140-208)	26	247.3	22	267.3	4	-												
DIABETES MELLITUS (250)	-	-	-	-	-	-												
DISEASES OF HEART (390-398,402,404-429)	65	618.3	55	668.3	10	-												
CEREBROVASCULAR DISEASE (430-438)	12	114.1	8	97.2	4	-												
ATHEROSCLEROSIS (440)	11	104.6	8	97.2	3	-												
PNEUMONIA AND INFLUENZA (480-487)	4	38.0	4	48.6	-	-												
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS (490-496)	10	95.1	10	121.5	-	-												
CHRONIC LIVER DISEASE AND CIRRHOSIS (571)	1	9.5	1	12.2	-	-												
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	1	9.5	1	12.2	-	-												
CONGENITAL ANOMALIES (740-759)	-	-	-	-	-	-												
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (760-779)	1	9.5	-	-	1	-												
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS (780-799)	2	19.0	2	24.3	-	-												
ACCIDENTS AND ADVERSE EFFECTS (E800-E949)	2	19.0	1	12.2	1	-												
MOTOR VEHICLE ACCIDENTS (E810-E825)	-	-	-	-	-	-												
ALL OTHER ACCIDENTS AND ADVERSE EFFECTS (E800-E807, E826-E949)	2	19.0	1	12.2	1	-												
SUICIDE (E950-E959)	-	-	-	-	-	-												
HOMICIDE AND LEGAL INTERVENTION (E960-E978)	2	19.0	1	12.2	1	-												
ALL OTHER CAUSES	8	76.1	8	97.2	-	-												

FOR DEFINITIONS OF CERTAIN TERMS AND EXPLANATION OF RATES, SEE PAGE 101 OF THIS BULLETIN.

TOTALS OF EVENTS MAY INCLUDE ITEMS WITH RACE NOT STATED.

TABLE VIII-SELECTED DATA ON MARRIAGES AND DIVORCES BY RECORDED COUNTY, RECORDED DATA, TENNESSEE, 1990

County	Recorded Marriages			Recorded Divorces		
	Number	Persons Married	Rate	Number	Persons Divorced	Rate
Total	67,995	135,990	27.9	32,183	64,366	13.2
Anderson	786	1,572	23.0	468	936	13.7
Bedford	394	788	25.9	245	490	16.1
Benton	185	370	25.5	99	198	13.6
Bledsoe	114	228	23.6	1	2	0.2
Blount	957	1,914	22.3	648	1,296	15.1
Bradley	1,014	2,028	27.5	655	1,310	17.8
Campbell	1,032	2,064	58.8	255	510	14.5
Cannon	151	302	28.9	54	108	10.3
Carroll	331	662	24.1	186	372	13.5
Carter	632	1,264	24.5	393	786	15.3
Cheatham	181	362	13.3	217	434	16.0
Chester	179	358	27.9	135	270	21.1
Claiborne	479	958	36.7	163	326	12.5
Clay	160	320	44.2	24	48	6.6
Cocke	518	1,036	35.6	233	466	16.0
Coffee	501	1,002	24.8	274	548	13.6
Crockett	169	338	25.3	74	148	11.1
Cumberland	513	1,026	29.5	265	530	15.3
Davidson	6,263	12,526	24.5	3,067	6,134	12.0
Decatur	142	284	27.1	64	128	12.2
DeKalb	214	428	29.8	124	248	17.3
Dickson	438	876	25.0	257	514	14.7
Dyer	551	1,102	31.6	329	658	18.9
Fayette	287	574	22.5	143	286	11.2
Fentress	250	500	34.1	133	266	18.1
Franklin	392	784	22.6	249	498	14.3
Gibson	662	1,324	28.6	378	756	16.3
Giles	475	950	36.9	177	354	13.8
Grainger	195	390	22.8	121	242	14.2
Greene	747	1,494	26.7	507	1,014	18.2
Grundy	156	312	23.3	58	116	8.7
Hamblen	761	1,522	30.2	470	940	18.6
Hamilton	3,352	6,704	23.5	1,979	3,958	13.9
Hancock	84	168	24.9	11	22	3.3
Hardeman	294	588	25.2	153	306	13.1
Hardin	370	740	32.7	154	308	13.6
Hawkins	470	940	21.1	331	662	14.9
Haywood	240	480	24.7	130	260	13.4
Henderson	312	624	28.6	189	378	17.3
Henry	362	724	26.0	213	426	15.3
Hickman	174	348	20.8	86	172	10.3
Houston	78	156	22.2	45	90	12.8
Humphreys	210	420	26.6	90	180	11.4
Jackson	159	318	34.2	55	110	11.8
Jefferson	374	748	22.7	226	452	13.7
Johnson	261	522	37.9	83	166	12.1
Knox	3,485	6,970	20.8	2,356	4,712	14.0
Lake	111	222	31.1	45	90	12.6
Lauderdale	355	710	30.2	203	406	17.3
Lawrence	482	964	27.3	281	562	15.9
Lewis	134	268	29.0	84	168	18.2
Lincoln	758	1,516	53.8	232	464	16.5
Loudon	405	810	25.9	195	390	12.5
McMinn	556	1,112	26.2	314	628	14.8
McNairy	404	808	36.0	162	324	14.5
Macon	221	442	27.8	107	214	13.5
Madison	837	1,674	21.5	502	1,004	12.9
Marion	421	842	33.9	173	346	13.9
Marshall	292	584	27.1	163	326	15.1
Maury	606	1,212	22.1	350	700	12.8
Meigs	124	248	30.9	28	56	7.0
Monroe	413	826	27.0	205	410	13.4
Montgomery	1,616	3,232	32.2	800	1,600	15.9
Moore	81	162	34.3	26	52	11.0
Morgan	204	408	23.6	131	262	15.1
Obion	388	776	24.5	216	432	13.6
Overton	237	474	26.9	109	218	12.4
Perry	85	170	25.7	38	76	11.5
Pickett	89	178	39.1	26	52	11.4
Polk	288	576	42.2	57	114	8.4
Putnam	631	1,262	24.6	386	772	15.0
Rhea	320	640	26.3	184	368	15.1
Roane	505	1,010	21.4	284	568	12.0
Robertson	1,536	3,072	74.0	261	522	12.6
Rutherford	1,208	2,416	20.4	795	1,590	13.4
Scott	271	542	29.5	68	136	7.4
Sequatchie	156	312	35.2	63	126	14.2
Sevier	7,685	15,370	301.1	386	772	15.1
Shelby	8,651	17,302	20.9	3,758	7,516	9.1
Smith	192	384	27.2	100	200	14.1
Stewart	127	254	26.8	60	120	12.7
Sullivan	1,656	3,312	23.1	833	1,666	11.6
Sumner	1,066	2,132	20.6	688	1,376	13.3
Tipton	580	1,160	30.9	813	1,626	43.3
Trousdale	152	304	51.4	31	62	10.5
Unicoi	228	456	27.6	125	250	15.1
Union	237	474	34.6	77	154	11.2
Van Buren	64	128	26.4	27	54	11.1
Warren	377	754	22.9	261	522	15.8
Washington	1,098	2,196	23.8	663	1,326	14.4
Wayne	166	332	23.8	78	156	11.2
Weakley	359	718	22.5	217	434	13.6
White	280	560	27.9	169	338	16.8
Williamson	567	1,134	14.0	436	872	10.8
Wilson	671	1,342	19.8	406	812	12.0
Other States++	51	102	-	-	-	-

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.

++Includes those who received a license in Tennessee but were married in another state.

TABLE IX-BIRTHS AND DEATHS WITH RATES PER 1,000 POPULATION, INFANT DEATHS WITH RATES PER 1,000 LIVE BIRTHS, RECORDED DATA, TENNESSEE, 1990

	Births		Infant Deaths		Deaths			Births		Infant Deaths		Deaths	
County	Number	Rate	Number	Rate	Number	Rate	County	Number	Rate	Number	Rate	Number	Rate
Total	79,274	16.3	878	11.1	49,363	10.1	Lake	-	-	-	-	6	0.8
							Lauderdale	2	0.1	-	-	180	7.7
Anderson	882	12.9	2	2.3	716	10.5	Lawrence	410	11.6	1	2.4	284	8.0
Bedford	237	7.8	3	12.7	231	7.6	Lewis	51	5.5	1	19.6	63	6.8
Benton	1	0.1	-	-	136	9.4	Lincoln	257	9.1	2	7.8	255	9.1
Bledsoe	-	-	-	-	52	5.4	Loudon	179	5.7	3	16.8	194	6.2
Blount	870	10.1	3	3.4	711	8.3	McMinn	397	9.4	1	2.5	420	9.9
Bradley	1,080	14.7	2	1.9	629	8.5	McNairy	73	3.3	1	13.7	183	8.2
Campbell	269	7.7	3	11.2	322	9.2	Macon	3	0.2	-	-	108	6.8
Cannon	3	0.3	1	*	81	7.7	Madison	2,921	37.5	15	5.1	1,479	19.0
Carroll	391	14.2	3	7.7	287	10.4	Marion	2	0.1	-	-	196	7.9
Carter	478	9.3	1	2.1	394	7.6	Marshall	2	0.1	1	*	204	9.5
Cheatham	4	0.1	-	-	119	4.4	Maury	1,541	28.1	3	1.9	600	10.9
Chester	1	0.1	-	-	47	3.7	Meigs	-	-	-	-	25	3.1
Claiborne	10	0.4	2	200.0	233	8.9	Monroe	259	8.5	1	3.9	221	7.2
Clay	-	-	1	*	63	8.7	Montgomery	2,528	25.2	17	6.7	620	6.2
Cocke	254	8.7	1	3.9	268	9.2	Moore	-	-	-	-	1	0.2
Coffee	851	21.1	3	3.5	362	9.0	Morgan	2	0.1	-	-	38	2.2
Crockett	-	-	1	*	94	7.0	Obion	565	17.8	1	1.8	311	9.8
Cumberland	691	19.9	1	1.4	366	10.5	Overton	273	15.5	1	3.7	207	11.7
Davidson	12,821	25.1	190	14.8	6,655	13.0	Perry	16	2.4	1	62.5	57	8.6
Decatur	1	0.1	1	*	110	10.5	Pickett	-	-	-	-	3	0.7
DeKalb	97	6.8	-	-	145	10.1	Polk	-	-	-	-	86	6.3
Dickson	435	12.4	5	11.5	371	10.6	Putnam	1,059	20.6	4	3.8	423	8.2
Dyer	848	24.3	8	9.4	369	10.6	Rhea	49	2.0	-	-	180	7.4
Fayette	160	6.3	2	12.5	179	7.0	Roane	306	6.5	3	9.8	419	8.9
Fentress	13	0.9	1	76.9	134	9.1	Robertson	624	15.0	3	4.8	327	7.9
Franklin	390	11.2	1	2.6	360	10.4	Rutherford	1,674	14.1	2	1.2	883	7.4
Gibson	381	8.2	3	7.9	451	9.7	Scott	83	4.5	-	-	166	9.0
Giles	233	9.1	-	-	208	8.1	Sequatchie	1	0.1	-	-	58	6.5
Grainger	1	0.1	1	*	58	3.4	Sevier	487	9.5	4	8.2	311	6.1
Greene	781	14.0	5	6.4	501	9.0	Shelby	19,397	23.5	344	17.7	9,590	11.6
Grundy	33	2.5	-	-	45	3.4	Smith	109	7.7	2	18.3	134	9.5
Hamblen	1,045	20.7	3	2.9	431	8.5	Stewart	-	-	-	-	40	4.2
Hamilton	6,197	21.7	58	9.4	3,377	11.8	Sullivan	2,748	19.1	12	4.4	2,091	14.6
Hancock	9	1.3	1	*	64	9.5	Sumner	1,194	11.6	4	3.4	593	5.7
Hardeman	3	0.1	1	*	179	7.7	Tipton	76	2.0	2	26.3	223	5.9
Hardin	206	9.1	-	-	179	7.9	Trousdale	4	0.7	2	*	70	11.8
Hawkins	6	0.1	1	*	204	4.6	Unicoi	1	0.1	1	*	135	8.2
Haywood	275	14.1	1	3.6	120	6.2	Union	1	0.1	-	-	53	3.9
Henderson	3	0.1	-	-	159	7.3	Van Buren	-	-	-	-	5	1.0
Henry	100	3.6	3	30.0	336	12.0	Warren	501	15.2	1	2.0	297	9.0
Hickman	3	0.2	1	*	93	5.6	Washington	1,843	20.0	31	16.8	1,408	15.3
Houston	2	0.3	-	-	118	16.8	Wayne	70	5.0	1	14.3	86	6.2
Humphreys	1	0.1	-	-	102	6.5	Weakley	303	9.5	2	6.6	282	8.8
Jackson	1	0.1	1	*	61	6.6	White	118	5.9	1	8.5	161	8.0
Jefferson	1	0.0	-	-	267	8.1	Williamson	480	5.9	2	4.2	364	4.5
Johnson	1	0.1	-	-	43	3.1	Wilson	824	12.2	2	2.4	381	5.6
Knox	7,772	23.1	92	11.8	4,512	13.4							

For definition of certain terms and explanation of rates, see page 101 of this Bulletin.

*Rates based on births are not calculated when the number of births is less than 10.

APPENDICES

APPENDIX A
DEFINITIONS OF TERMS, RATES, AND RATIOS

Birth Rate - Number of live births per 1,000 population.

Cause-Specific Death Rate - Number of deaths from a specific cause per 100,000 population with the exception of the maternal death rate which is per 10,000 live births.

Crude Death Rate - Number of deaths per 1,000 population.

Divorce Rate - Number of persons divorced per 1,000 population.

Fertility Rate - Number of resident live births per 1,000 females 15-44 years of age.

Fetal Death (reportable) - A fetal death of 500 grams or more, or, in the absence of weight, of 22 completed weeks of gestation or more. (Note: Induced abortions are excluded from the fetal death count.)

Fetal Death Ratio - Number of fetal deaths per 1,000 live births.

Illegitimate - For live births and fetal deaths, mother married to father item on certificate or report checked "no".

Illegitimate Birth Rate - Number of illegitimate births per 100 live births.

Induced Abortion - The intentional termination of pregnancy for a purpose other than to produce a live-born infant or to remove a dead fetus.

Induced Abortion Ratio - The number of induced abortions per 1,000 live births by race of mother.

Infant Death - A death of a live-born infant under one year of age.

Infant Mortality Rate - Number of infant deaths per 1,000 live births.

Live Birth - A birth in which the child shows evidence of life (includes heart action, breathing, or a coordinated movement of a voluntary muscle) after complete birth.

Low Birthweight - A live birth weighing less than 2,500 grams.

Low Birthweight Rate - Number of live births weighing less than 2,500 grams per 100 live births.

Marriage Rate - Number of persons married per 1,000 population.

Maternal Death - A death due to complications of pregnancy, childbirth, and the puerperium (ICD codes 630-676).

Maternal Death Rate - Number of maternal deaths (ICD codes 630-676) per 10,000 live births. Rates by race for 1970-1974 are by race of child per 10,000 live births (race of mother is not available). Rates by race for 1975-1990 are by race of mother per 10,000 live births.

Neonatal Death - A death of a live-born infant under 28 days of age.

Neonatal Mortality Rate - Number of neonatal deaths per 1,000 live births.

Postneonatal Death - A death of an infant 28 days or more but under one year of age.

Postneonatal Mortality Rate - Number of postneonatal deaths per 1,000 live births.

Pregnancies - The sum of live births, reportable fetal deaths, and reported induced abortions for women 10-49 years of age.

Pregnancy Rate - Number of pregnancies per 1,000 female population aged 10-49.

Prenatal Care - The amount of prenatal care obtained by the mother is determined by information on the certificate of live birth concerning the month that prenatal care began and the number of prenatal visits.

Race - The terms "white" and "all other races" are used to denote the racial groups. Definitions used for classifying race are those specified by the Bureau of the Census.

Recorded Data - Data compiled according to geographic place where the event occurred without regard to residence. (Recorded data for Tennessee include events which took place within the State, irrespective of the residences of the persons to whom the events occurred. Beginning in 1989, recorded data for marriages includes those obtaining a Tennessee license with the ceremony performed out of state.)

Resident Data - Data compiled according to the usual place of residence of the person to whom the event occurred without regard to the geographic place where the event occurred. For births, infant deaths, and fetal deaths, the residence is of the mother. (Resident data for Tennessee include events which occurred to residents of the State irrespective of where the events took place.)

Very Low Birthweight (VLBW) - A live birth weighing less than 1,500 grams.

Notes:

Death rates for specific causes are not calculated for white or all other races populations of less than 5,000.

In cases where a cause of death is sex-specific, the associated mortality rate is calculated per 100,000 population of the sex at risk.

Percents greater than or equal to 0.0 but less than 0.05 are indicated by 0.0.

Rates based on births are not calculated when the number of births is less than 10.

APPENDIX B

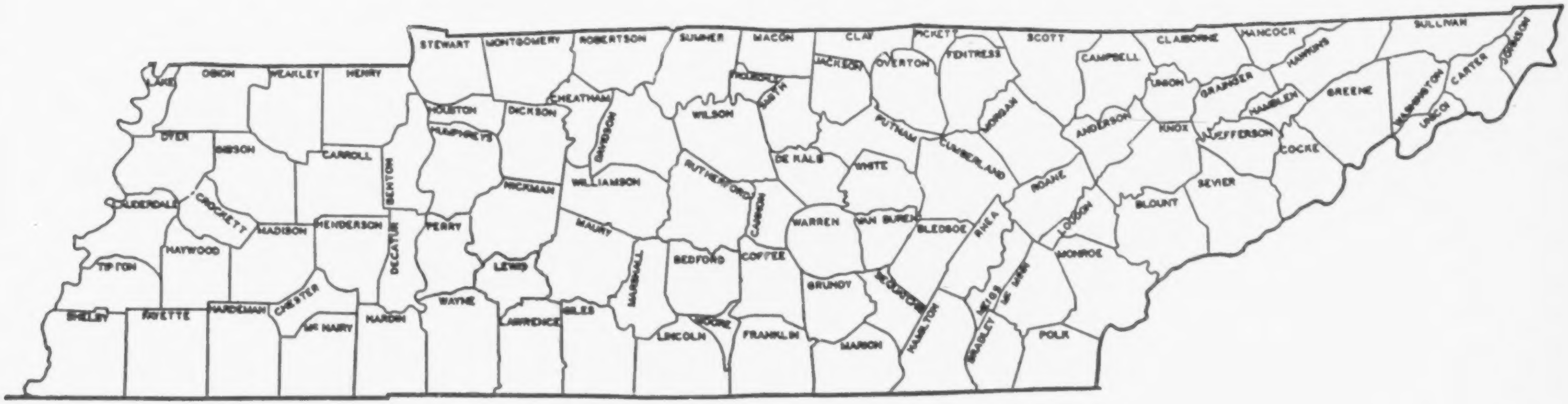
CORRESPONDENCE OF CODE NUMBERS FOR THE EIGHTH AND NINTH REVISIONS INTERNATIONAL CLASSIFICATION OF DISEASES

Category Title According to Ninth Revision	International Classification Code Numbers	
	Ninth Revision	Eighth Revision
Shigellosis and Amebiasis	004, 006	004, 006
Tuberculosis, All Forms	010–018	010–018
Respiratory System	010–012	010–012
Whooping Cough	033	033
Streptococcal Sore Throat, Scarlatina, and Erysipelas	034–035	034–035
Meningococcal Infection	036	036
Human Immunodeficiency Virus (HIV)	*042–*044	
Viral Encephalitis	049.8–049.9, 062–064	062–065
Measles	055	055
Viral Hepatitis	070	070, E931.1–E931.2, E931.8–E931.9
Rocky Mountain Spotted Fever	082.0	082.0
Syphilis	090–097	090–097
Malignant Neoplasms, All Sites	140–208	140–207
Digestive Organs and Peritoneum	150–159	150–159
Respiratory and Intrathoracic Organs	160–165	160–163, 194.2
Breast	174–175	174
Female Genital Organs	179–184	180–184
Male Genital Organs	185–187	185–187
Diabetes Mellitus	250	250
Diseases of Heart	390–398, 402, 404–429	390–398, 402, 404–429, 450, 782.4
Ischemic Heart Disease	410–414	410–413
Cerebrovascular Disease	430–438	430–438
Atherosclerosis	440	440
Pneumonia	480–486	480–486
Influenza	487	470–474
Chronic Obstructive Pulmonary Disease and Allied Conditions	490–496	490–493, 516.1, 516.2, 518, 519.3
Hernia and Intestinal Obstruction	550–553, 560	550–553, 560
Chronic Liver Disease and Cirrhosis	571	571
Cholelithiasis and Other Disorders of Gallbladder	574–575	574–575
Nephritis, Nephrotic Syndrome, and Nephrosis	580–589	580–584
Complications of Pregnancy, Childbirth, and the Puerperium	630–676	630–678
Congenital Anomalies	740–759	740–759
Certain Conditions Originating in the Perinatal Period	760–779	760–769.2, 769.4–772, 774–778
Accidents and Adverse Effects	E800–E949	E800–E949
Motor Vehicle Accidents	E810–E825	E810–E823
Suicide	E950–E959	E950–E959
Homicide and Legal Intervention	E960–E978	E960–E978

*These codes are not part of the Ninth Revision International Classification of Diseases.

APPENDIX C

MAP OF TENNESSEE SHOWING THE 95 COUNTIES


STEWART
MONTGOMERY
ROBERTSON
SUMNER
MACON
CLAY
PICKETT
SCOTT
CLAIBORNE
HANCOCK
SULLIVAN
JOHNSON
LAKE
OBION
WEAKLEY
HENRY
JACKSON
OVERTON
FENTRESS
CAMPBELL
HAWKINS
TROUSDALE
SMITH
HOUSTON
CHEATHAM
UNION
GRAINGER
CARTER
WASHINGTON
DYER
DICKSON
HUMPHREYS
DAVIDSON
WILSON
PUTNAM
MORGAN
ANDERSON
KNOX
HAMBLEN
GREENE
UNICOI
GIBSON
CARROLL
BENTON
JEFFERSON
COCKE
DE KALB
WHITE
CUMBERLAND
ROANE
WILLIAMSON
RUTHERFORD
LAUDERDALE
CROCKETT
HICKMAN
SEVIER
BLOUNT
LOUDON
MADISON
HENDERSON
PERRY
DECATUR
MAURY
CANNON
WARREN
VAN BUREN
BLEDSOE
RHEA
HAYWOOD
TIPTON
LEWIS
MARSHALL
BEDFORD
COFFEE
MONROE
GRUNDY
SEQUATCHIE
MEIGS
MC MINN
CHESTER
HARDEMAN
WAYNE
SHELBY
FAYETTE
MC NAIRY
HARDIN
LAWRENCE
GILES
MOORE
LINCOLN
FRANKLIN
MARION
HAMILTON
BRADLEY
POLK

APPENDIX D
COUNTY LOCATION OF CITIES WITH POPULATION OF 10.000 OR MORE*. TENNESSEE

City	County	City	County
Athens	McMinn	Knoxville	Knox
Bartlett	Shelby	Lawrenceburg	Lawrence
Bristol	Sullivan	Lebanon	Wilson
Chattanooga	Hamilton	McMinnville	Warren
Clarksville	Montgomery	Maryville	Blount
Cleveland	Bradley	Memphis	Shelby
Columbia	Maury	Millington	Shelby
Cookeville	Putnam	Morristown	Hamblen
Dyersburg	Dyer	Murfreesboro	Rutherford
East Ridge	Hamilton	Nashville	Davidson
Elizabethton	Carter	Oak Ridge	Anderson
Franklin	Williamson		Roane
Gallatin	Sumner	Paris	Henry
Germantown	Shelby	Red Bank	Hamilton
Greeneville	Greene	Shelbyville	Bedford
Hendersonville	Sumner	Springfield	Robertson
Humboldt	Gibson	Tullahoma	Coffee
Jackson	Madison		Franklin
Johnson City	Carter	Union City	Obion
	Washington		
Kingsport	Hawkins		
	Sullivan		

* Cities with population of 10.000 or more according to the 1980 Census.

APPENDIX E
HOW TO BE A VITAL STATISTICIAN *

This book presents vital statistics and highlights a number of important demographic and public health changes. The possible uses of vital statistics are endless. Data users are as diverse as a public health official evaluating a program and using death data, a demographer projecting school enrollments with birth data, and a business person deciding to open a formal wear shop based on marriage data. Many of these users have a thorough knowledge of statistics. Others find the subject confusing and intimidating. For either group, a misunderstanding of what vital statistics mean or an incorrectly used comparison can lead to wrong conclusions. Therefore, this section is included to provide an overview of how to use vital statistics. It is addressed to the person looking at vital events for the first time, but the experienced user may also find a review helpful.

STEP 1: FINDING THE CORRECT NUMBER

The first step is to determine how many of a particular vital event took place during the year. This involves asking two questions:

Which event or events are appropriate?

DEATHS
INFANT DEATHS
NEONATAL DEATHS
POST NEONATAL DEATHS
FETAL DEATHS
LOW BIRTHWEIGHT INFANTS
PREGNANCIES
INDUCED ABORTIONS
MARRIAGES
DIVORCES

This may not be as simple as it sounds. For one thing, examining more than one type of event may be required. For example, a researcher who is concerned with teenage pregnancies will have to consider abortions and fetal deaths, not simply the number of births.

Deciding which events to use is important since sometimes the choice of one event over another can lead to vastly different conclusions. Consider the researcher who asks, "Have we reduced the likelihood of death for babies?" Selecting neonatal deaths (babies who die before they are 28 days old) suggests the answer is yes. But selecting post-neonatal deaths (those between 28 days and one year) suggests no.

What is the correct population?

Vital events do not usually occur in individuals' homes, which leads to an interesting problem in geography. Vital events are usually reported two ways:

RECORDED means that the event (death, birth, marriage) actually took place in the geographic region indicated (either Tennessee or a particular county). The person participating in the event may have lived in another state.

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* This section is adapted with permission of the Oregon Center for Health Statistics from their *Oregon Vital Statistics, 1983* publication. Examples have been changed to Tennessee examples.

RESIDENCE	means that the person involved in the event lived in the geographic region mentioned, but the event itself may have taken place anywhere in the United States or Canada. In other words, a resident of Davidson County who died in an accident while on vacation in Michigan is included in Davidson County resident death figure.

Choosing the appropriate population is important. Recorded birth data is more relevant to a hospital planner who is deciding whether to expand or contract delivery services. Resident birth data should be the choice for projecting school enrollment. When in doubt about which population to use, resident figures are usually the better choice. Most birth and death data are published by residence, which means that comparisons with other states or the United States as a whole are easier. In this book, table headings indicate the population included in the tables.

Once the right event and the right population have been determined, the statistician can find the correct figures in the table(s) in this book. If the needed table is not listed, contact the Division of Information Resources, Health Statistics for more information.

STEP 2: MAKING THE NUMBER MEANINGFUL WITH RATES AND RATIOS

In many instances simply knowing the number of events which occurred is not sufficient. A. Bradford Hill expressed this important statistical concept:

> "It is well recognized that white sheep eat more than black sheep--because there are more of them."

In other words, it is the probability of the event which is important. We know more people died in Shelby County than in Lake County, but is the likelihood of dying really different?

In order to answer this question, statisticians calculate rates. This means that the number of events which occurred are compared to the population for which that event could have occurred, and the figure is then standardized to some number (such as 1,000 or 100,000) for convenience.

Here is an example:

$$\text{CRUDE DEATH RATE} = \frac{\text{DEATHS}}{\text{POPULATION}} \times 1{,}000$$

the number of people who could have died	a number picked by vital statisticians to eliminate decimal points

The more specifically a statistician can define the "population at risk" (the bottom part of the rate), the more meaningful the rate is. For example, the crude birth rate, which compares the number of births to the population, is not nearly as informative as the fertility rate. This second rate uses only the number of women of childbearing age (15-44) for comparative purposes and is therefore less distorted by quirks in the population distribution. (The turn of the century notion that only married women between the age of 15 and 44 would be considered at risk of pregnancy has been abandoned for obvious reasons.) The importance of being specific about the population at risk is explained in Step 3.

Unfortunately we do not always have the correct number for the bottom part of the equation. In these situations a substitute is used. For example, how many people are at risk of getting divorced? The number of married people is only available for census years. As a substitute, the crude divorce rate is calculated using the total population regardless of marital status. In other situations, the event is simply compared to another related number to create a ratio. For instance, the abortions to the number of births. This is easier and more accurate than trying to determine the true denominator, which is the total number of pregnant women.

> When calculating rates and ratios, great care must be taken to make certain that the same time periods, the same geographical boundaries, and the same population are used in the top and bottom parts of the equation.

STEP 3: COMPARING PLACES, TIME PERIODS, AND CATEGORIES

In many situations, the vital statistician's goal is to compare two or more numbers for different geographical areas, different time periods, or different categories such as men versus women. But comparing rates and ratios introduces some new problems which must not be overlooked.

Changes in measurement

The first problem is that the measures being compared are not always the same. Definitions, population estimates, certificates, and coding procedures change from time to time as the need arises. This can create "artificial" differences and can disguise "real" differences. The cause-of-death item provides an excellent example of changes in comparability:

Between 1975-1978, approximately 485 people died each year from bronchitis, emphysema, and asthma.	RATE = 11.1 PER 100,000 POPULATION
Between 1979-1982, approximately 1,213 people died each year from chronic obstructive pulmonary disease (C.O.P.D.).	RATE = 26.3 PER 100,000 POPULATION

A new scheme for coding causes of death was introduced in 1979. (See the explanation in the death section of the narrative in this publication.) This coding change is responsible for the difference in bronchitis, emphysema, and asthma and C.O.P.D. While bronchitis, emphysema, and asthma account for a large portion of C.O.P.D. deaths, several other pulmonary diseases were added in 1979 to form the new classification.

All cause of death groupings in this publication are comparable. However, caution should be used when comparing data in this report with data from reports for earlier years.

Taking age and sex into account

Mr. G. C. Wipple noted in 1923 that, "We might find that the death rate of bank presidents was higher than that of newsboys; but this would not be because of different occupations, but because of different ages." We expect older people to die at a higher rate than younger people. We also expect people in their twenties to have more babies than the very young or the very old. Sex and race, as well as age, affect rates drastically.

When comparing two places or two points in time, it is necessary to take these influencing characteristics into account. Here is an example:

The death rate increased between 1950 and 1960 from 8.9 to 9.2 deaths per thousand. But an examination of the death rates for each age group indicates that all decreased. This contradiction is explained by the fact that in 1960 a larger proportion of the population was concentrated in the older age groups where death rates are higher.

	1950	1960
CRUDE DEATH RATE	8.9	9.2
AGE SPECIFIC DEATH RATES		
0 - 4	9.0	7.1
5 - 14	0.6	0.5
15 - 24	1.5	1.2
25 - 44	3.1	2.5
45 - 64	12.6	11.6
65+	62.0	60.3

Before comparing two places or two time periods, always compare the population characteristics first. If discrepancies are noted in any relevant variables, then the rates should be adjusted or standardized in order to make the comparisons free of differences in the structure of the populations.

Small numbers

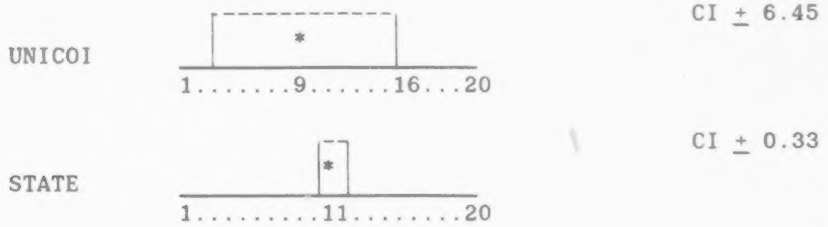
Perhaps the most common error made in vital statistics concerns the use of rates based on very small numbers. When the numbers being used to calculate rates are extremely small, large swings often occur in the rates which do not reflect real changes. Consider Unicoi County's infant mortality rates for a recent 5-year period:

Year	Births	Infant Deaths	Infant Death Rates
1986	151	2	13.2
1987	175	0	---
1988	199	0	---
1989	165	2	12.1
1990	166	4	24.1
1986-1990	856	8	9.3

The overall rate of 9.3 is quite similar to the state rate of 10.9 for the same time period. Yet the rate varies widely with the addition or subtraction of just one death. Public health officials would waste a good deal of energy if they reacted to these annual rates.

Statisticians expect a certain amount of chance variation and have methods to take this into account. The confidence interval uses the number of cases and their distributions to determine what the rate "really is". For example a statistician will say, "We are 95 percent sure that the true infant death rate for Tennessee between 1986 and 1990 was 10.88 plus or minus 0.33, that is, it lies somewhere between 10.55 and 11.21." If two rates have overlapping confidence intervals, then the difference between them may be due to this chance variation. In other words, the difference between them is not statistically significant.

Unicoi county's infant death rate for the same period was 9.35 plus or minus 6.45. Even though 5 years of data were combined in the determination of the confidence interval for Unicoi county, the 95 percent confidence interval ranges from 2.9 to 15.8.



The difference between the state rate and Unicoi county's rate is not statistically significant.

If 20 is too few, how many cases are sufficient to say that a true difference exists? Unfortunately we have no easy rules for this. To be safe, the vital statistician should always try to combine several years of data or consolidate geographical areas.

Many rates based on small numbers are published in this book because readers demand them. But anyone preparing to make important decisions based on these rates should make an effort to determine if rates are statistically significant.

STEP 4: ANALYZING THE DATA

The first three steps have been fairly mechanical:

(1) Choose the correct events and the correct population to determine the number of events which took place for the geographical areas and time periods.

(2) Calculate the rates.

(3) Compare these rates to determine if the differences are statistically significant.

NOW the vital statistician must begin to ask the difficult questions, Just because two rates are different, can we assume that we have a case of cause and effect? Is there another factor which is really causing the changes in the rates? If the differences which we expected did not prove to be significant, is there another item which perhaps is masking the difference? Frequently the statistician has to refine the research question and begin all over again.

Several sources of help are available. Many of the widely used rates and ratios are presented in the narrative and summary section. Tables and figures are included throughout the book to illustrate changes. Also, the staff of the Office of Health Statistics are available for data users who need assistance.